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RED RADIANCE ROSES (See page 26)

The Lohrman Seed Co.

1927
Annual

SEED GROWERS & MERCHANTS

Macomb at Brush
Telephone - RANDOLPH 9241

East Market Branch
1340 Napoleon Street

DETROIT . . . MICHIGAN



Lohrman's Best Selected Lawn Grass Seed

Lohrman's Evergreen Lawn Seed

With the ground carefully prepared, graded and rolled, the seed sown at the rate of 80 pounds per acre, and with the lawn then frequently mown and rolled, it is within reach of everyone to have as fine a lawn as one desires. Old lawns are greatly benefited if given a thorough raking as early in the Spring as the weather will permit, and then some fresh seed sprinkled on which will renew the thin places and spots that have been killed out by weeds or other causes.

The quantity required for making new lawns is about 100 pounds per acre, or for renovating old lawns, 50 pounds. For a space 15x20 or 300 square feet, one pound is required for new, or one-half pound for renovation. In order to produce the best results, grass seed for lawns should be sown at least twice as thickly as if sown for hay. Sow in March to June, or in September to October. When cutting the grass, don't cut too short, as the sun dries the roots.

Lohrman's Evergreen Lawn Grass Seed is a compound of grasses which ripen successively, thereby always presenting a green velvety and cheerful appearance. In order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. In our Evergreen Lawn Mixture one grade, and that the highest, is rigidly adhered to. Lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50; 20 lbs., \$8.00; 100 lbs., \$36.00.

Shady Lawn Seed

On nearly all lawns there are unsightly spots caused by the fact that ordinary varieties of grasses used for lawns do not do well in the shade; consequently we have prepared a mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply Evergreen Lawn Lime. Use one pound of Shady Spot for every 300 square feet. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$55.00.

Rough Stalked Meadow Grass (Poa Trivialis)

An ideal shade grass in the Northern half of the United States. This grass is a perennial closely related to Kentucky Blue Grass, but somewhat finer and softer. It has a splendid apple-green color and is a creeper. Sow in Fall or Spring at rate of 1 lb. to every 300 sq. ft. Lb., 75c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$55.00.

Grasses for Lawns

Prices on Grass Seed Subject to Change

Kentucky Blue Grass, Extra Fancy Seed for Lawns

One of the most widely distributed and valuable native grasses. It is a true perennial, lasting indefinitely and improving every year. It forms a close turf, starts very early in the Spring and lasts until frost. It remains small the first year, but becomes fully established the second year. It is especially valuable as a pasture grass, and is also one of the very best grasses for the lawn. Lb., 60c; 5 lbs., \$2.75.

Red Top, Fancy Extra Recleaned Seed for Lawns

A very hardy native grass and probably the most perennial variety we have. Red Top accommodates itself to a variety of soils, even to quite dry situations, but succeeds best on moist land. After being once established, it thickens and improves year by year, taking possession of the land and gradually supplanting other grasses. Lb., 60c; 5 lbs., \$2.75.

English or Perennial Rye Grass

Invaluable for permanent pastures. It produces an abundance of remarkably fine foliage and soon forms a compact sward. After being cut, it grows up in a very short time and remains bright and green throughout the season; it consequently is well adapted for lawn mixtures. Lb., 30c; 5 lbs., \$1.25.

Creeping Bent Grass

One of the best for putting greens, developing a fibrous turf which withstands the severest usage. It is a splendid grass also for hay and pasture on bottom lands and not too heavy soil. Lb., \$1.50; 5 lbs., \$6.00.

Chewings Fescue

Used extensively for golf courses, and is one of the best grasses for this purpose, as it is creeping in habit and soon forms a solid, compact turf. A single plant will spread to be a foot in diameter. Valuable for terraces or exposed hill-sides. Does well on thin or poor soils and is extremely resistant to drought. Lb., 65c; 5 lbs., \$3.00.

White Dutch Clover for Lawns

This is of particular value in mixtures in permanent pastures and lawns and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Dutch Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass. 5 to 6 pounds per acre. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00.

Lohrman's "SUCCESS" Vegetable Seeds

In the following pages, alphabetically arranged, we list only the cream of all the varieties of vegetable seeds which, by actual test, have proven themselves worthy. In making tests of seeds we have thrown out many varieties that have been superseded by better ones. From good seeds only can good crops be grown, and you should never risk planting an inferior grade of seed. It has oftentimes been said that in addition to planting good seeds, good gardeners are also necessary in producing a satisfactory crop. Seeds of the best quality sometimes fail through improper treatment, sowing the seeds too deep or too shallow, or in too wet or too dry soil. Some seeds will germinate rapidly if sown at a certain temperature, while others, if sown under the same conditions, are apt to decay. For these reasons we cannot, of course, guarantee or be responsible for a crop, as success is dependent upon natural causes, which are beyond human control.

LOHRMAN SEED COMPANY GIVES NO WARRANTY, EXPRESS OR IMPLIED, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



Washington Asparagus.

Asparagus

PALMETTO. An early green variety, prolific, and very good quality.

WASHINGTON RUST-PROOF. The rust-resistant variety. This variety originated with the Department of Agriculture, Washington, D. C., after years of careful hybridizing and selection. Only vigorous growing plants, free from rust, were used. Should be used on account of its disease-resistant quality.

Asparagus Roots

PALMETTO ASPARAGUS ROOTS. Two-year-old. Can be supplied in early Spring.

WASHINGTON RUST-PROOF. The rust-resistant variety. 2-year-old.

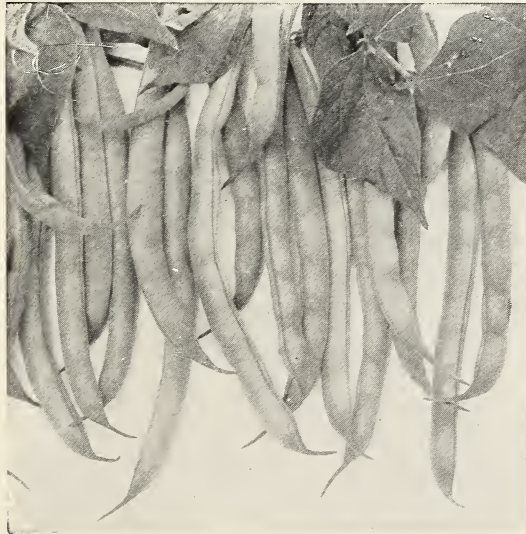


Kentucky Wonder Pole Beans.

Lohrman's Selected Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

This seed should not be planted before the ground becomes light and warm, in favorable seasons usually about May first. Have the soil well worked, rich and mellow, scatter the seeds about three inches apart in drills 2 feet apart, and cover them 2 inches deep. Successive sowings made at intervals of 15 days until August 15th to 20th will give a plentiful supply of Beans through the Summer.



Golden Wax Beans.

Dwarf Butter or Wax Podded Varieties

GOLDEN WAX. This is one of the earliest and best dwarf Beans for the home market and private garden. Pod is semi-round, yellow, of good quality, and has no string.

WARDWELL'S KIDNEY WAX. Hardy and productive. Pods long, broad, thick, flat, and of delicate wax yellow. The plants are strong growing and bear their pods well up from the ground.

DAVIS WHITE WAX. This Bean is very often used in a dry state for cooking. The dry Bean is kidney-shaped and white in color. Pods are long, meaty and flat in shape.

UNRIVALED WAX. (See colored illustration, page 9). This excellent sort produces an enormous crop of pods in about 43 days, on a small, vigorous growing, dwarf plant. The pods are about 5 1/2 inches long, semi-flat, fleshy, of fine texture, and excellent flavor. They remain in good condition for a long time. Color of pods a beautiful light yellow and almost transparent.

SURE CROP STRINGLESS WAX. Very early, vigorous, productive and free from disease. Pods rather flat. Black seed. Highly recommended.

Pole or Running Varieties

KENTUCKY WONDER. A green podded Pole Bean. Pods green, very long, often reaching 9 or 10 inches, nearly round when young and very crisp.

SIEBERT'S EARLY LIMA. The most popular Lima. The Bean is very vigorous and productive, bearing throughout a long season; pods large and easily opened, containing 3 or 4 large, tender Beans of excellent quality.

ASPARAGUS:	Pkt.	Oz.	2 ozs.	1/4 lb.	Lb.
Palmetto	\$0.10	\$0.15	\$0.25	\$0.30	\$1.00
Washington Rustproof .....	.10	.20	.35	.60	2.00
ASPARAGUS ROOTS—2-year-old:	Doz.	100	1000		
Palmetto	\$0.25	\$1.50	\$12.00		
Washington Rustproof .....	.35	2.00	15.00		
BEANS—Dwarf Butter or Wax Podded Varieties:	Pkt.	1/2 lb.	Lb.	5 lbs.	100 lbs.
Golden Wax	\$0.10	\$0.20	\$0.35	\$1.25	\$20.00
Wardwell's Kidney Wax ..	.10	.25	.40	1.60	22.00
Davis White Wax .....	.10	.20	.35	1.25	20.00
Unrivaled Wax .....	.10	.25	.40	1.60	22.00
Sure Crop Stringless Wax ..	.10	.25	.40	1.60	22.00
Pole or Running Varieties:					
Kentucky Wonder .....	.10	.25	.40	1.60	22.00
Siebert's Early Lima .....	.10	.20	.30	1.25	20.00
Scarlet Runner .....	.10	.30	.50		

We supply 10 lbs. and over at the 100 lb. rate.

Green Podded Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

The Green Podded Beans are, as a rule, more productive than the Wax or Yellow Pod varieties, besides being less sensitive to unfavorable conditions of soil and climate, and of late years less susceptible to Bean diseases.

BOUNTIFUL. (See colored illustration, page 9). This is the best flat-podded, stringless variety. The light green pods are $6\frac{1}{2}$ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, very slightly fibrous, attractive, and of very fine quality. It is very early, vigorous and a heavy yielder.

BURPEE'S GIANT STRINGLESS. Very early, productive, hardy and vigorous; the pods average about 5 inches long; straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless.

FULL MEASURE. Fine, stringless, medium green pod of high quality. The pods are straight, 6 inches long, very fleshy, almost round, crease-backed, have no neck, showing depressions around the bean, and are tender. It is a prolific sort, the heavy pods produced throughout a long season. The season is about the same as Burpee's Stringless, although more productive.

ROGERS' STRINGLESS REFUGEE. Very hardy, and for this reason a great favorite for July planting; fine in Fall for pickling. The pods are long, cylindrical, green and of the best quality.

LARGE WHITE MARROW or MOUNTAIN. The plants of this very prolific sort are large, slender, spreading, with short runners and small leaves. The pods are broad, about $5\frac{1}{2}$ inches long, medium green, changing to yellow. A choice family sort, both for green shells and dry beans. Seed large, ovoid, clear white, cooking very dry and mealy.

FORDHOOK BUSH LIMA. The bushes are erect, branching freely. The pods are larger than the Dreer's and 6 to 8 days earlier. The green beans are thick and meaty; four to the pod, very tender, juicy, and of fine flavor. Bears the pods in clusters and is a heavy yielder.

MANGEL-WURZEL

Mangel Wurzel, also called Stock Beet, is a very large Beet, growing mostly above ground. Plow deep for this crop and in May or June plant Mangel seeds six to the foot in two- and three-foot rows, thinning later.

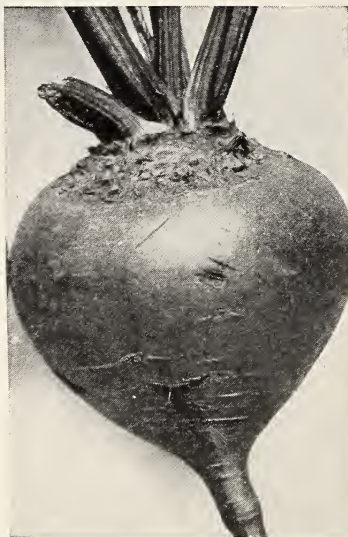
MAMMOTH LONG RED. Very large, excellent for stock feeding.

GOLDEN TANKARD. The tops are small, with the leaf stalks and veins distinctly tinged with yellow. The roots are large, color light gray above ground, deep orange below.

SUGAR BEETS

FRENCH WHITE SUGAR RED TOP. This sort is the most largely grown for stock feeding in Europe, where the superior feeding value of Sugar Beets over the coarse Mangel Wurzel is generally recognized.

GIANT FEEDING SUGAR BEET or HALF SUGAR MANGEL. By skillful breeding there has been developed in Giant Feeding Sugar Beets a sort much more valuable for feeding purposes than the old sorts of Mangels. Keeps better and is in every way most valuable to the farmer. Roots large, oval in form, with small top.



Detroit Dark Red Beet.



Full Measure Beans.

Choice Table Beets

One ounce will sow 50 feet of row; 7 pounds will plant an acre.

The best soil is a light, sandy loam, having been previously enriched with well-rotted manure. If the Beets are wanted extremely early, sow in hot-beds and transplant, cutting off the outer leaves. For early use, sow in rows at intervals of two weeks from the time the ground is fit to work in Spring, up to July. The rows should be 12 inches apart and the seed sown thinly and covered firmly with one inch of soil. When the plants attain three or four leaves, thin them out to stand 3 or 4 inches in the row. We print full cultural directions on every packet.

EARLY WONDER. (See colored illustration, page 9). This is the earliest and most perfectly shaped Beet for bunching purposes. Its beautiful deep blood-red, nearly globular root, small sized top and small, clean tap root make it a strong asset in the Beet family. The attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a very heavy demand for this variety. It is grown very extensively for late Fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time.

LOHRMAN'S EGYPTIAN. A desirable extra early sort; valuable for forcing; very popular with market gardeners. The top is small, leaves are dark green mixed with red; leaf stems and veins dark red; flesh dark red.

DETROIT DARK RED. This is the very best for the market and home garden. The quality is good, sweet and tender; deep red color; roots are turnip-shaped, with small tap roots. This is the most desirable Beet for canning.

Swiss Chard or Spinach Beet

This fine vegetable gives large returns for little care; it yields a constant crop from July until Winter. Sow early in Spring in rows 16 inches apart, and thin out to 6 inches apart in the rows. Try this splendid vegetable and you will always plant it. An ounce or two of seed is sufficient for the family garden. **SILVER LEAF.**

BEANS—Green-Podded Varieties:

	Pkt.	$\frac{1}{2}$ lb.	Lb.	5 lbs.	100 lbs.
Bountiful	\$0.10	\$0.20	\$0.35	\$1.25 \$20.00
Burpee's Giant Stringless10	.25	.40	1.60 22.00
Full Measure10	.20	.35	1.25 20.00
Rogers' Stringless Refugee10	.20	.35	1.25 20.00
Extra Early Red Valentine10	.20	.35	1.25 20.00
Large White Marrow10	.15	.25	1.00 16.00
Fordhook Bush Lima10	.25	.40	1.75 32.00

We supply 10 lbs. and over at the 100-lb. rate.

BEETS:

	Pkt.	Oz.	2 ozs.	$\frac{1}{4}$ lb.	Lb.
Early Wonder	\$0.10	\$0.15	\$0.25	\$0.40 \$1.25
Detroit Dark Red10	.15	.20	.30 1.00
Lohrman's Egyptian10	.15	.20	.30 1.00

SWISS CHARD or

SPINACH BEET	.....	.10	.15	.20	.25 .85
MANGEL WURZEL:					
Mammoth Long Red	.....	\$0.10	\$0.15	\$0.20	\$0.50
Golden Tanager	.....	.10	.15	.20	.50

SUGAR BEETS:

French White Sugar Red Top	....	.10	.15	.20	.50
Giant Feeding Sugar Beet or					
Half-Sugar Mangel	.....	.10	.15	.20	.50

Lohrman's Cabbage Seed

One ounce will produce 1500 plants; ½ pound will plant an acre.

Culture. Start your early crop in hotbed in middle of February. Cover seed about one-half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. Remove glass, part of each day, to harden plants and plant out in open about middle of April. For general crop sow in open ground in late May in hills three feet apart.

Seed can also be started in the house in boxes during February where hotbeds are not available. Treat as described above. Cabbage requires good, rich soil and thorough cultivation.

The Two Best Extra Early Varieties

COPENHAGEN MARKET. The heads average about eight pounds each in weight, are very solid, with small core, and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded.

GOLDEN ACRE. New. Of Copenhagen Market type. This recent introduction is smaller, has fewer outer leaves and is about ten days earlier. In sections where it has been tried out, it has proven to be a very valuable type. We recommend this new variety very highly.

Two Best of the Late Cabbages

PREMIUM LATE FLAT DUTCH. The heads are of bluish green color, flat on top, solid and large. Has no useless outer leaves, and grows low with short stems. It cuts white and crisp. The flavor is excellent, with not stringiness. This strain is slightly earlier and quicker growing than most of the Premium Flat Dutch that is offered and is quite free from a tendency to burst.

SHORT-STEMMED HOLLANDER or DANISH BALL-HEAD. Quite a distinct sort. Plants medium long stemmed, but compact; leaves very smooth. The hardest Cabbage in cultivation; endures both frost and drought that would destroy other varieties.



Chantenay Carrot.



Copenhagen Market Cabbage.

MAMMOTH RED ROCK. The largest and most reliable heading red Cabbage yet introduced; round and solid heads of deep red color.

SAVOY IMPROVED AMERICAN. For Winter use, this variety is unsurpassed; heads large and solid; very tender and of excellent flavor.

PE-TSAI or CHINESE CELERY CABBAGE. This variety does not form a Cabbage head, but when grown its full size resembles Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked, and the flavor is delicious, being very mild. Sow seed after June first and give plenty of room to the plants.

Carrots

One ounce will sow 100 feet of row; 3 pounds will sow an acre.

Carrots do best in a warm, deep, light and fertile soil or on a strong loam having been in clover and broken the year before.

CHANTENAY HALF-LONG. Our strain is specially selected and produces fine, uniform roots, with nice, small bunching tops. Try it this year. A medium early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. As it has a nice top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 6 inches in length.

CORELESS. This comparatively new variety is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and 1½ inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The red-orange flesh is of the finest flavor.

DANVERS HALF-LONG. This sort is slightly longer than Chantenay, growing 7 to 8 inches long, is square shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June, it produces the best roots to store for Winter.

CABBAGE:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Copenhagen Market	\$0.10	\$0.40	\$0.75	\$1.40	\$4.50
Early Jersey Wakefield	.10	.30	.50	.85	3.00
Golden Acre	.10	1.00	1.75	3.00	10.00
Midseason Market	.10	.40	.75	1.40	4.50
Premium Late Flat Dutch	.10	.30	.35	.65	2.25
Mammoth Rock Red	.10	.30	.50	.90	3.25
Savoy Improved American	.10	.35	.45	.80	2.75
Short-Stemmed Hollander or Danish Ballhead	.10	.25	.45	.80	2.75
Pe-Tsai or Chinese Cabbage	.10	.25	.40	.75	2.50
CARROTS:					
Chantenay	.10	.15	.25	.35	1.25
Coreless	.10	.20	.30	.50	1.50
Danvers Half-Long	.10	.15	.25	.35	1.25
Early Scarlet Horn	.10	.15	.20	.35	1.25
Guerande or Oxheart	.10	.15	.20	.30	1.00
Long Orange	.10	.15	.20	.30	1.00
Short White	.10	.10	.15	.25	.85

Cauliflower

One ounce will produce 1000 plants.

For earliest Cauliflower, raise plants by sowing in hotbeds in February or March, and transplant to cold frames two or three inches apart. Set out in open as soon as the ground can be worked in Spring. It requires very much the same treatment as cabbage, only it is not quite so hardy and needs more water and more cultivation.

EXTRA EARLY SNOWBALL. This is the most popular with market gardeners and is grown by them more than all other varieties together for forcing or for wintering over in cold frames for extra early crop. Very early and one of the surest to head.

EXTRA EARLY DWARF ERFURT. This is a very reliable and popular variety when our select seed is used. We handle only the best seed grown. Heads very white, compact and close.

Chicory

WITLOOF or FRENCH ENDIVE. The leaves and leaf stems of this variety are blanched and used as a salad like Endive or Cos Lettuce.

Collards

GEORGIA CREOLE or SOUTHERN. Cabbage greens, used as a substitute for cabbage.



Extra Early Snowball Cauliflower.

Celery

One ounce of seed will produce 3000 plants; ¼ pound will plant an acre.

Celery seed is slow to germinate, and when the plants are wanted early, seed should be sown in hotbeds in March and April; barely covering the seed. When the plants are large enough, transplant to cold frames, one and one-half inches apart. When the weather is suitable transplant into the open ground. This should be done early in June. Do not cultivate, hill or disturb Celery in wet weather, as this may bring on rust. Celery matures best in cool, moist weather.

GOLDEN SELF-BLANCHING. Ready for use nearly as early as White Plume. Blanches as easily and is larger in size as well as finer in quality.

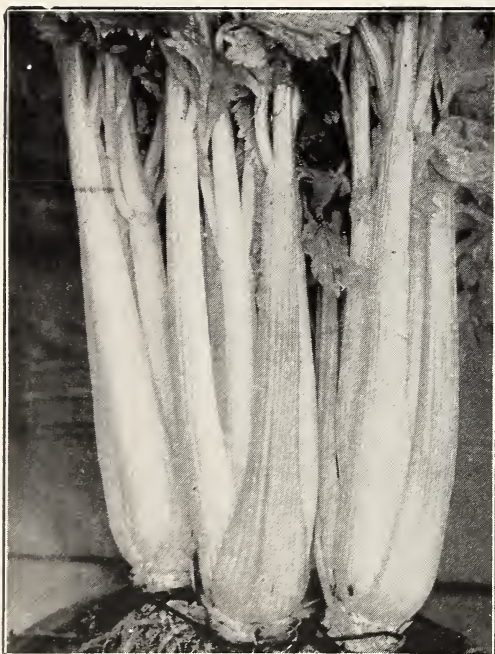
GOLDEN PLUME or WONDERFUL. Authorities pronounce this the best golden, self-blanching Celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Its quality insures highest market price. Grows just tall enough to pack well in crate without damaging foliage. Seed of this variety has been sold under "Special Golden," "Wonderful," "Self-Blanching," etc., at from \$50.00 to \$80.00 per pound. Our stock has been developed from seed produced from the originator, Sebastian Meisch. We grow no other. Our seed is grown in Northern New Jersey. It is not California or southern grown.

WINTER QUEEN. A medium tall, solid variety. Heart is creamy white and very full. An excellent keeper.

CELERY SEED FOR FLAVORING.

Celeriac

LARGE SMOOTH PRAGUE. Cooked and prepared as a salad it is very desirable; it has a rich, meaty, distinct celery flavor. It may also be cooked as are turnips and parsnips.



Golden Plume or Wonderful Celery.



"Damping Off" Controlled

We have always had a lot of trouble with plants damping off in the greenhouse and frames. "Damping off," caused by a fungus disease, can be controlled by steaming the soil, but this is a very expensive and laborious method. For the past two seasons we have found that by treating the soil with "Semesan," a new mercurial disinfectant, we have been able to absolutely stop damping off in the greenhouses, in some cases almost over night. The method is very easy and not expensive. Simply water the bed with a solution of Semesan. For prices and further details, see page 35 of this catalog.

CAULIFLOWER:

	Pkt. ¼ oz.	Oz.	2 ozs.	4 ozs.	Lb.
Early Snowball	\$0.10	\$0.75	\$2.50	\$4.00	\$7.50 \$25.00
Extra Early Dwarf Erfurt. .10	.75	2.50	4.00	7.50	25.00

CELERY:

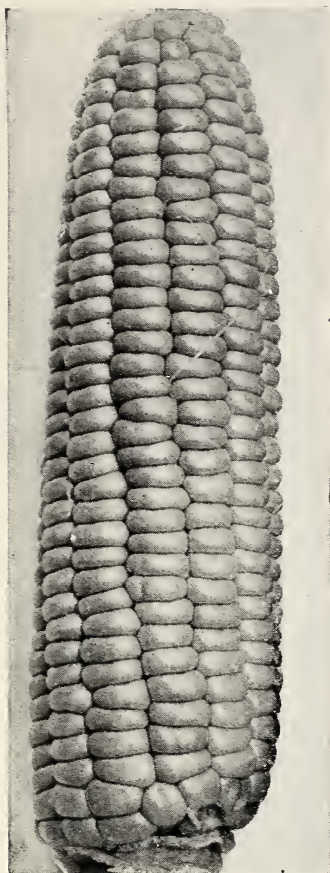
	Pkt. ¼ oz.	Oz.	2 ozs.	4 ozs.	Lb.
Golden Self-Blanching	\$0.10	\$1.00	\$1.60	\$2.75	\$10.00
Golden Plume or Wonderful ..	.10	2.50	4.15	7.50	25.00
Winter Queen .....	.10	.35	.60	1.00	3.50
Celery Seed for Flavoring ....	.10	.15	.25	.50	

CELERIAC10 .20 .35 .65 2.25

CHICORY:

Witloof10 .25 .45 .80 2.75

COLLARDS10 .15 .25 .85



Golden Bantam Sweet Corn.

Pop Corn men, and to be recommended above the other varieties.

CORN SALAD - Field Salad

A most refreshing salad. Hardy, much used in Winter in place of lettuce. Sow either in Spring or Fall.

CRESS

Used with lettuce, it gives an agreeable pungency.

CURLED.

TRUE WATER.

CORN:		Pkt. ½lb.	Lb.	5lbs.	100lbs.
Bantam Evergreen	.....	\$0.10	\$0.25	\$0.40	\$1.75 \$25.00
Black Mexican	.....	.10	.25	.40	1.75 22.00
Country Gentleman	.....	.10	.25	.40	1.60 23.00
Earliest of All	.....	.10	.25	.40	1.75 25.00
Extra Early Evergreen	.....	.10	.25	.40	1.75 21.00
Golden Bantam	.....	.10	.25	.35	1.60 22.00
Howling Mob	.....	.10	.25	.40	1.75 22.00
Mammoth White Cory	.....	.10	.20	.35	1.50 21.00
Stowell's Evergreen	.....	.10	.25	.40	1.75 21.00
Whipple's Early White	.....	.10	.25	.35	1.60 22.00
POP CORN—White Rice	.....	.10	.25	1.00	15.00
CORN SALAD		Pkt.	Oz.	2ozs.	4ozs. Lb.
CRESS:		\$0.10	\$0.15	\$0.25	\$0.40 \$1.25
Curled	.....	.10	.15	.20	.25 .75
True Water	.....	.10	.35	.60	1.00 3.50
CUCUMBERS:					
Chicago Pickling	.....	.10	.15	.25	.35 1.00
Davis Perfect	.....	.10	.15	.20	.35 1.25
Early Fortune	.....	.10	.15	.20	.35 1.25
Extra Long or Evergreen	.....	.10	.15	.25	.40 1.50
White Spine	.....	.10	.15	.25	.35 1.00
Early White Spine	.....	.10	.15	.25	.35 1.00
Improved Long Green	.....	.10	.20	.35	.65 2.25
Klondike	.....	.10	.15	.20	.35 1.25

We supply 10 lbs. and over of Corn at 100-lb. rate.

Lohrman's Sweet Corn

One pound will plant 100 hills; 12 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

Culture. Use deep, rich soil. Plant for succession of crop every three weeks when the ground becomes warm and mellow, usually early in May. Plant in hills three feet apart each way. Six seeds to each hill. Cover half an inch when you thin out to three plants.

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen, and a most excellent sort of fine quality. Ears 7 inches long and 12- to 14-rowed. Grain broad and deep, of a rich, golden yellow color.

BLACK MEXICAN. The ripe grain is bluish black, but when in condition for table, cooks white; by many considered the standard for sweetness. Desirable for family use.

COUNTRY GENTLEMAN. Unsurpassed for family use and the home garden. The cob is small with deep pearly milk-white kernels full of sweetness. Ears are produced in great abundance, sometimes four to six to one stalk.

EARLIEST OF ALL. The earliest true Sweet Corn with a good sized ear. Apparently an extra early selection of the Red Cob Cory. The dry seed is pink in color, but when fit for market the grains are of a creamy white color. The quality is good. This variety is somewhat hardy and may be sown very early. It has proven to be a very profitable variety for the market gardener.

EXTRA EARLY EVERGREEN. The ears of this new Corn grow 8 inches long, are mostly 14 to 18 rows. This is a magnificent kind for market gardeners and for main crop in every home garden. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes.

GOLDEN BANTAM. One of the sweetest and hardest Corns grown; can be planted at least a week earlier than others. It is a rapid grower, and when cooked is delicious. Of the richest, sweetest flavor.

HOWLING MOB. A large, early variety. Grains very white, sweet and tender. A splendid sort for market or home garden.

MAMMOTH WHITE CORY. Succeeds well where the seasons are short. Extra large with pure white kernels. Very sweet.

STOWELL'S EVERGREEN. Popular sort. One of the best known and widely grown. Ears large with deep kernels of a rich, sugary flavor. Valued for its keeping qualities.

WHIPPLE'S EARLY WHITE. This is an extra early variety with the deep grain of the Evergreen type. The stalks are 5 to 6 feet high, of vigorous growth; the ears are produced 1½ feet from the ground, often two to the stalk and are 8 inches long, rather "blocky" in form, 16- to 18-rowed, filled with deep wedge-shaped grains of pearly whiteness and high sugar content.

We supply 10 lbs. and over at 100 lb. rate.

POP CORN

WHITE RICE.

The most popular of the varieties with the

Cucumbers

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

Culture. Sow in the open ground as soon as weather is warm and settled. Sow seed one-half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure. For pickling sow from middle of June to first week of July. When plants are well up, thin out. Striped bugs readily attack the young plants. Use our Nicotine Dust, it gives 100 per cent kill.

EARLY WHITE SPINE. Improved strain. An excellent variety of light green color, with white spines; crisp, and of fine flavor.

EXTRA LONG or EVERGREEN WHITE SPINE. Unexcelled in table quality. The flesh is unusually thick and seed space extremely small. Flavor is unsurpassed and meat is white, firm and crisp. Vines are of vigorous growth with large, heavy foliage. The color is a rich, dark green. Size 10 to 12 inches in length, always straight, and never turns yellow.

IMPROVED LONG GREEN. Long, dark green variety of good standing.

CHICAGO PICKLING. A variety esteemed and grown extensively for the large pickling establishments on account of its superiority as a pickling cucumber.

DAVIS PERFECT. This cucumber is perfect, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measuring 12 inches in length, and the color is a rich, dark, glossy green.

KLONDIKE. This variety is one of the best for slicing. The color is rich green, and the fruits grow to a uniform size, about 7 inches in length and 2 inches thick, when in condition to cut.

EARLY FORTUNE. (See colored illustration, page 10). Early, very productive and disease-resistant. The fruits grow 9 inches long and 2½ inches in diameter, slightly tapering; flesh white, very firm and crisp; color rich, dark green.



Davis Perfect Cucumber.

Eggplant

Sow seeds in hotbed in April or May. Then transplant in cold frames and plant in open ground when weather becomes sufficiently warm in June or July. The soil can hardly be made too rich.

IMPROVED LARGE NEW YORK PURPLE. Plants large, spreading; fruit very large, oval; color a splendid dark purple. Plants usually ripen 4 to 8 large fruits.

BLACK BEAUTY. Earlier than Improved Large Purple, but not so large. Plants remarkably healthy and productive. A very fine market sort.

Endive

Sow the seed in beds, covering lightly; transplant in rows about 18 inches apart. About two weeks before ready for use it is blanched by tying the leaves together with raffia or soft cord.

LARGE GREEN CURLED. The leaves are finely cut, giving the plant a feathery effect.

BROAD-LEAVED BATAVIAN. Leaves are broad, thick, green, more or less twisted and waved with white mid-ribs. It forms large hearts, which, when blanched, form one of the best Winter salads.

Kale or Borecole

Sow in May or June in shallow drills 10 to 12 inches apart. When large enough, transplant in single rows 2 feet apart each way. Frost improves the flavor.

DWARF CURLED SCOTCH. Extra fine curled bright green leaves, tender and of fine flavor.

Kohlrabi

One ounce will sow 200 feet of row; 4 pounds will sow an acre.

One of the most useful vegetables for the Autumn. It combines the good qualities of the turnip and cabbage. Sow seed in rows 18 inches apart, thinning out when large enough.

EARLY WHITE VIENNA. Delicate. Much prized for forcing.

Leek

One ounce will sow 100 feet of row; 4 pounds will sow an acre.

Sow as early as the ground can be worked in the Spring, in rows one foot apart. Cover seed an inch deep. Transplant when the plants are five to six inches high in rows six inches apart. Plant as deep as possible, that the neck, being covered, may be blanched. Ground must be very rich.

MONSTROUS CARENTAN. A very large variety of superior quality.

Lohrman's Superior Lettuce Collection

One ounce will sow 150 feet of drill; 3 pounds will sow an acre.

For earliest crops sow the seed in hotbed in February or March, transplant in sheltered rows with southern exposure. For successive crops, sowings may be made in the open ground as early as Spring opens, continuing well into July. Always thin out well or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

Heading Varieties

BIG BOSTON. This is the best variety either for the big market grower or the home gardener. The heads are large and blanch to creamy white. It is a sure header and stands a long time before going to seed.

EARLY PRIZEHEAD. Early, crisp, loose heads of good quality; leaves curled and tinged reddish brown.

MAY KING. If you want a very first early Lettuce, plant May King. It is equally good for outdoor growing and forcing. The outer leaves have a slight brownish tinge, while the heart is a beautiful yellow.

MAMMOTH BLACK-SEEDED BUTTER. Large, smooth-leaved head Lettuce, forming very compact cabbage-like heads of thick, brittle leaves; the inner ones beautifully blanched, very crisp, tender and of fine flavor.

NEW YORK. Leaves beautifully curled at the edges, crisp and brittle; bright green. Very solid; well blanched.

WHITE SELF-BLANCHING COS (Romaine Lettuce). One of the very best for Summer use. It is self-folding, with a beautiful creamy white heart. Butter flavor.

Curled Varieties

BLACK-SEEDED SIMPSON. One of the best for sowing in open ground, where an exceedingly tender leaf is desired, and for those markets which demand a very loose clustering sort.

DETROIT MARKET GARDENER'S FORCING. The heads of this favorite sort are large, solid, light green, beautifully curled; very crisp and tender.

GRAND RAPIDS. Forms a loose cluster of leaves, which are bright green and crimped at the edges. Matures quickly; very crisp and tender.

SIMPSON'S EARLY CURLED (Seed White). A very extensively used early loose-leaved or clustering variety. The leaves are light green in color, slightly frilled and much blistered, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young.



Grand Rapids Lettuce.

DANDELION:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Thick-Leaved	\$0.10	\$0.55	\$1.00	\$1.75	
EGGPLANT:					
Improved New York Purple ..	.10	.50	.85	1.40	4.75
Black Beauty .....	.10	.50	.90	1.60	5.50
ENDIVE:					
Broad-Leaved Batavian .....	.10	.15	.20	.35	1.25
Large Green Curled .....	.10	.15	.20	.35	1.25
KALE:					
Dwarf Curled Scotch .....	.10	.15	.25	.35	1.20
KOHLRABI:					
Early White Vienna .....	.10	.25	.45	.85	2.75
LEEK:					
Montrous Carentan .....	.10	.25	.40	.75	2.75
LETTUCE—Curled Varieties:					
Black-Seeded Simpson .....	.10	.20	.30	.50	1.75
Detroit Market Gardener's					
Forcing .....	.10	.20	.30	.50	1.75
Grand Rapids .....	.10	.20	.30	.50	1.75
Simpson's Early Curled .....	.10	.15	.20	.35	1.25
Heading Varieties:					
Big Boston .....	.10	.20	.35	.60	2.00
Early Prizehead .....	.10	.20	.30	.50	1.75
New York .....	.10	.25	.40	.75	2.50
May King .....	.10	.20	.30	.50	1.75
Mammoth Black-Seeded					
Butter .....	.10	.20	.30	.50	1.75
White Self-Blanching Cos ..	.10	.20	.35	.60	2.00

Muskmelons of Merit

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre.

Do not plant until the danger of frost is past. Sow in hills six feet apart each way. Put 10 to 12 seeds in each hill and when well up thin out to two or three plants. Melons must have light, well worked, moderately rich soil. Pinch the ends of main stems, which will strengthen the vine and induce earlier and heavier fruiting.

Salmon-Fleshed Varieties

EXTRA EARLY OSAGE. It is one of the earliest and best Melons grown. The oval fruit is dark green, slightly ribbed and gray netted. The flesh is a rich orange-salmon, very thick and small seed cavity.

HEARTS OF GOLD. Most highly recommended for commercial or private growers. Vines are strong, vigorous and disease resistant. Melons are of convenient size, fine appearance, and the deep orange colored flesh is of delicious flavor.

OSAGE. Medium to large size, of excellent quality. Vigorous and productive. Fruits oval, dark green, slightly ribbed. Flesh salmon color, thick, fine grained, highly flavored. A favorite variety for the later market.

Extra Early Lake Champlain Muskmelon

This Wonderful New Muskmelon Produces Most Delicious Fruit 37 Days From Planting.

Lake Champlain is a medium sized Melon, nicely netted, flesh deep, sweet and melting, of golden yellow color. The plant is very vigorous and healthy, setting and ripening Melons even under adverse conditions, which totally destroyed other varieties. It is a marvel of productiveness. Another year has added to the popularity of this great Melon.

Mr. H. J. Walrath, who originated this variety, writes as follows: "It blossoms when the vines are less than 12 inches long, and sets its fine, healthy first crop of 3 to 10 Melons right around the roots. While these extra early fruits are ripening, the vines continue to grow in length, and they in turn produce another and sometimes a third setting of fine fruits—making it not only the very earliest variety, but a continuous producer. No Melon except Lake Champlain amounted to enough to interest Melon growers. Most of them had a complete failure. Our Melons were high quality as usual, and drew Melon fanciers from all cities within 70 miles."

Being a marvel of earliness, productiveness and quality, it will at once prove profitable to either the home or market gardener.

MUSKMELONS—Salmon-Fleshed Varieties:

	Pkt.	Oz.	2ozs.	1/4 lb.	Lb.
Extra Early Osage	\$0.10	\$0.30	\$0.30	\$0.50	\$1.75
Hearts of Gold .....	.10	.30	.30	.50	1.75
Osage .....	.10	.30	.30	.50	1.75
Extra Early Lake Champlain ..	.10	.35	.60	1.00	3.50

Green-Fleshed Varieties:

Netted Gem or Rocky Ford..	.10	.15	.20	.35	1.25
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WATERMELONS:

Kleckley's Sweet10	.15	.20	.30	1.00
Peerless10	.15	.20	.35	.85
Harris Earliest10	.15	.20	.35	.85
Citron—For Preserves .....	.10	.15	.25	.35	1.25



Extra Early Osage Muskmelon.

Green-Fleshed Varieties

NETTED GEM or ROCKY FORD. This is the most popular of all Melons. It is very early and one of the best for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is green in color, very sweet and juicy, and solid clear to the rind.

Watermelons

One ounce will plant about 30 hills; 3 to 4 pounds will plant an acre.

Culture is the same as for muskmelons, but place the hills eight to ten feet apart.

KLECKLEY'S SWEET. This variety is more widely used for market and home garden than any other kind. Often reaches 22 inches in length and 40 pounds in weight. Skin dark green; flesh bright red; seeds white. Medium early. Highly recommended.

PEERLESS. One of the best early Melons. Vine moderately vigorous, hardy and productive. Fruit medium size, oval, bright green, finely veined with a darker shade. Flesh bright scarlet, crisp and very sweet. Rind thin; seeds white.

HARRIS EARLIEST. An extra early Melon of excellent quality. Fruit large for an early variety; oblong, broad stripes of light and dark green. Flesh bright red, tender and sweet. Seed black.

CITRON FOR PRESERVES. Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid.



Lake Champlain Muskmelons.

Mustard

One ounce will sow 100 feet of row; one pound will sow an acre in drills, two pounds if broadcasted.

Imparts a pungent flavor to salads, sandwiches, etc. Sow at frequent intervals one-half inch deep in drills 8 inches apart.

FORDHOOK FANCY. Has long, slender, plumelike, finely curled leaves of a deep green color, with edges deeply cut. Stands a long time before running to seed.

Mushrooms

Mushrooms can be grown wherever there is a cellar or a closed shed, in which an even temperature of from 50 to 60 degrees can be maintained and where a plentiful supply of fresh horse manure for making the beds can be obtained. **PURE CULTURE SPAWN.**

Okra or Gumbo

One ounce will sow 100 feet of drill.

The green pods are delicious for soups. Sow during May in drills three feet apart and thin out later to ten inches in the row.

WHITE VELVET. Pods round, smooth, white, tender.



White Globe Onion.

Parsley

One ounce will sow 150 feet of row; 3 pounds will sow an acre.

CHAMPION MOSS CURLED. A very fine curled variety. One of the most handsome for garnishing purposes. The nice green curled leaves make it desirable.

HAMBURG or ROOTED. The fleshy root resembles a parsnip. The leaves are used for soup, greens, and the roots are delicious when sliced.

PLAIN or SINGLE. Leaves flat, deeply cut, but not curled.

Parsnips

One ounce will sow 150 feet of row; 4 pounds will sow an acre.

Sow as early in the Spring as the weather will permit, in drills 18 inches apart and 1½ inches deep, in a deep, rich soil; thin out 3 to 6 inches apart in the rows. The quality is improved by leaving in the ground over Winter for Spring use. For a Winter and Spring vegetable, Parsnips are both appetizing and healthful.

HOLLOW CROWN or GUERNSEY. The old standard; one of the best for general use; long, smooth, tender, sugary; very hardy.



Fordhook Fancy Mustard.

Onions

One ounce will sow 100 feet of row; 5 pounds will sow an acre.

Onions must have clean and very rich soil. A liberal use of manure is more essential to this than any other crop. It should be of the best quality, well fermented, and thoroughly worked over during the previous Summer. Get the seed in as early as possible in the Spring. Sow in drills not less than a foot apart nor more than half an inch deep. Keep soil mellow and clear of weeds. In cultivating do not cover the young bulbs with earth.

MICHIGAN YELLOW GLOBE. The finest of the yellow Globe Onions. It is distinguished by its attractive shape and uniform bright even yellow color. A superb Onion and an excellent Winter keeper.

PRIZETAKER. A very handsome late or main crop Onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown. Flesh is creamy white, very mild, fine flavor.

LARGE RED WETHERSFIELD. An Onion of very productive habit and a fine keeper. The skin is deep purplish red, which covers a round, somewhat flattened bulb of purplish white flesh.

SOUTHPORT WHITE GLOBE. The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder. Crops raised from our seed have given excellent results to others; they will do the same for you.

WHITE QUEEN. A very early, very white, clean-skinned variety used for bunching when young. One of the best for small pickles.

YELLOW GLOBE DANVERS. A standard sort which grows to a large size. Bulbs large and globular, with very thin necks; rich orange-yellow. Flesh white and mild.

WHITE PORTUGAL. One of the leading white sorts. The bulbs are flat in shape, and mature early. Extensively grown for pickling Onions.

ONION SETS

(Onion Sets at Market Price)

WHITE BOTTOM SETS.
YELLOW BOTTOM SETS.



Hollow Crown Parsnips.

MUSHROOMS—Pure Culture Spawn					
MUSTARD:					
	Pkt.	Oz.	2 ozs.	¼ lb.	1 lb.
Fordhook Fancy	\$0.10	\$0.20	\$0.25	\$0.35	\$1.25
OKRA:					
White Velvet	.10	.15	.20	.25	.75
PARSLEY:					
Champion Moss Curled	.10	.15	.20	.30	1.00
Hamburg or Rooted	.10	.15	.20	.30	1.00
Plain or Single	.10	.15	.20	.25	.80
PARSNIPS:					
Hollow Crown or Guernsey	.10	.15	.20	.25	.75
ONIONS:					
Michigan Yellow Globe	.10	.25	.40	.75	2.50
Prizetaker	.10	.25	.40	.75	2.50
Large Red Wethersfield	.10	.20	.35	.60	2.00
Southport White Globe	.10	.40	.70	1.25	4.25
White Portugal	.10	.30	.50	.85	3.00
White Queen	.10	.40	.75	1.40	3.25
Yellow Globe Danvers	.10	.25	.40	.75	2.50

Four Profitable Items

For the Market or Home Gardener

Gradus or Prosperity Peas

An early, large-podded, wrinkled sort which matures slightly later than the dwarf round-seeded, small-podded Extra-Earlies. It combines a pod 4 inches long, with extreme earliness and fine quality. The vines, growing 3 feet high, are heavy stemmed with large medium green leaves. The medium green pods are straight, uniformly large, semi-round, slightly curved at the tip, pointed and containing 6 to 8 large Peas of medium green color. See page 11.



Early Wonder Beets (SELECTED)

This is the earliest and most perfectly shaped Beet for bunching purposes. Its beautiful deep blood-red, nearly globular shaped root, nice-sized top and small clean tap-root, make it a strong asset in a beet for household use. The attractive appearance, uniformity of size and color, and excellent keeping qualities have created a very heavy demand for this variety. It is grown very largely for Fall sowing, as it matures earlier than any other dependable Beet. The entire crop matures evenly and is ready for harvesting at one time. See page 2.



Early Wonder Beets.



Gradus Peas.

Unrivalled Wax Beans

There is probably no variety of Wax Bean grown that has a greater all-round value than this one. It has a small plant, is very early, and bears an enormous crop of translucent pale yellow pods about $5\frac{1}{2}$ inches long, somewhat curved, semi-flat, rather slim, but fleshy, and of the finest texture and tenderness. See page 1.



Unrivalled Wax Beans.

Bountiful Beans

This is the best flat-podded, stringless variety. The light green pods are $6\frac{1}{2}$ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, very slightly fibrous, attractive, and of very fine quality. It is very early, vigorous, and a heavy yielder. See page 2.



Bountiful Beans.

Lohrman's Favorites For the Garden



Victoria Spinach.

Victoria Spinach

A low-growing variety, forming, flat on the soil, a rosette of exceedingly thick, dark green, glazed, much crumpled leaves. Good for either Spring or Fall sowing and stands for a long time before going to seed. See page 12.

Early Scarlet Globe Radishes

This Radish is a little longer than round, a rich bright scarlet in color with tiny thread-like roots. The flesh is white, tender and crisp. A fine early outdoor Radish. Our stock has pleased particular gardeners all over this section. Our sales on this variety have tripled within two years. There is a reason. Our stock is A-1. See page 12.



Early
Scarlet
Globe Radishes.

Early Fortune

Cucumbers

Early, very productive and disease-resistant. The fruits grow 9 inches long and 2½ inches in diameter, slightly tapering; flesh white, very firm and crisp; color rich, dark green. See page 5.



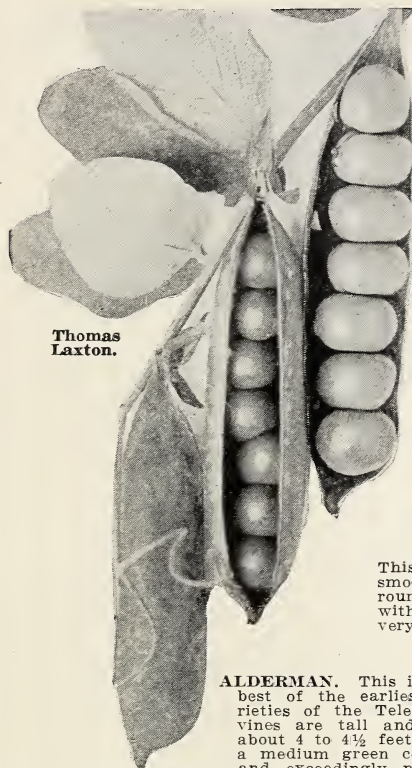
Early
Fortune
Cucumber.



Lohrman's
Hubbard Squash.

Lohrman's Warty Hubbard Squash

Round, with elongated ends; large, with a hard, warty shell, uniformly dark olive-green in color; flesh is bright orange-yellow, fine-grained, thick, dry, and rich. See page 13.



Thomas Laxton.

Best Northern Grown Seed Peas

Two pounds will plant 100 feet of row; 120 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

For early crops sow as early in Spring as possible; then sow every two or three weeks apart for a succession throughout the season well into August. Plant in single rows or double, 4 feet apart and 2 inches deep. In dry weather soak the Peas over night before planting.

EARLIEST OF ALL or ALASKA. Vines of medium height. Pods good size, well filled. Seed small, bluish green and of good flavor. Crop matures evenly. Very early and smooth seeded.

FIRST AND BEST. This is one of the smooth-seeded varieties. Early, productive and very hardy; 2½ feet high, with a strong, vigorous vine, which is light in color and uniform in growth.

GRADUS or PROSPERITY. (See colored illustration, page 9). This splendid variety combines the finest quality with earliness and is very productive. Grows vigorous and healthy; vines are about 3 feet in height, bearing pods fully as large as Telephone, filled with beautiful dark green peas, which retain their color after being cooked.

LAXTONIAN. 15 to 18 inches high. Very large pods, similar to Gradus in shape. Quality splendid. Highly recommended.

MARROWFAT, LARGE WHITE. An old standard late variety; very hardy and productive; smooth seeded.

MELTING SUGAR. The pods are used when half grown and are cooked in the same way as snap beans. They are 4½ inches long, broad, often curved or twisted, tender and finely flavored. Melting Sugar is 4 to 5 feet high, and matures rather late.

NOTT'S EXCELSIOR. This splendid early Pea has robust, vigorous vines 12 to 14 inches high, is uniform in growth and a very heavy yielder. Pods 2½ inches long, straight, round, and blunt ended, containing 7 light green peas.

THOMAS LAXTON. An exceptionally good, first-early, wrinkled marrow Pea of great merit. Vines resemble Gradus, growing from 2½ to 3 feet high, but are somewhat lighter in color and mature at the same time. This Pea has a vigorous, hardy constitution and can be planted with the first early smooth-seeded sorts. The productive vines grow a heavy crop of straight, nearly round, square-ended, medium green pods, about 3¼ inches long and literally packed with 7 to 8 fine peas of rich flavor and medium green color. This reliable Pea is very uniform.

Late or Main Crop Varieties

ALDERMAN. This is one of the very best of the earliest main crop varieties of the Telephone type. The vines are tall and strong, growing about 4 to 4½ feet in height, and of a medium green color, are vigorous and exceedingly productive. Pods 5 inches long, dark green, very broad, and pointed at the end, straight but slightly curved at the point, and contain 8 to 9 very large peas.

TELEPHONE. (Dark podded). This late Pea has a fine appearance, high quality and large sized pod. Vines are tall, vigorous, 4½ feet high, with large, coarse, medium green leaves and produce an abundance of attractive dark green pods 4½ inches long, straight, broad and pointed, filled with 8 large, light green peas which are tender, sugary, sweet, and of an excellent flavor. The standard late sort for main crop, and is very productive.

Peppers

One ounce will produce 1000 to 1200 plants.

Sow seeds in a hotbed or in a box in the house, transplant when three inches high into cold frame, and when the ground is warm enough, transplant into the open.

CHINESE GIANT. Fruit of great size, 12 to 15 inches in circumference. It is early, very productive and sweet. Flesh is thick, tender, unexcelled for salad or stuffed in mangoes.

CRIMSON GIANT. One of the earliest and best of the very late varieties, growing as large as the Chinese Giant but more oblong in form; fruits very mild.

HARRIS' EARLY GIANT. The earliest and most prolific large Pepper. Very large, early, and yields enormously; fruits 5 inches high and 4 inches across, 21 Peppers fill a 14-quart basket. As large as Chinese Giant, 3 or 4 weeks earlier and much more prolific.

LARGE BELL or BULL NOSE (Sweet). Thick, sweet and mild for salads, pickling or stuffing. Bright green when young and beautiful red when ripe.

LARGE BELL or BULL NOSE (Hot). Same as the Sweet Bull Nose, only very pungent.

LONG RED CAYENNE. Grown largely for preserving purposes. Very hot, but useful in many ways.

PIMENTO. This is a new and distinct Pepper. Perfectly sweet, having no trace of pungency. Plants are loaded with fine, smooth fruits, medium size and thick meated.

RED CHILI. Fruit is small, bright scarlet, very hot and pungent. Generally used for making pepper sauce.

RUBY KING. Fruits are about 4 inches long; flesh thick and mild; color dark green while young, turning to bright red when ripe.

SWEET GOLDEN DAWN. A large yellow variety, shaped like the Chinese Giant. Very sweet and mild.

Potatoes

One peck will plant 100 hills; 12 bushels for an acre.

Early or Late Varieties at Market Prices.

Pumpkins

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Pumpkins are usually raised among corn. When the corn is about 1½ feet high or after it receives its last cultivation, the seed is sown, dropping three seeds in every third hill. Or the seed may be sown in May, after the 15th, in hills 8 feet apart, placing 6 seeds in every hill and later thinning out to four plants.

LARGE YELLOW. Large, round, flattened fruit, very hardy and productive. Fine keeper. The very best for family use.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh.

PEPPERS:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Chinese Giant	\$0.10	\$0.50	\$0.90	\$1.50	\$5.50
Crimson Giant .....	.10	.50	.90	1.50	5.50
Harris' Early Giant ¼ oz. 45c; .....	.10	1.25	2.25	4.00	15.00
Large Bell or Bull Nose (Sweet) .....	.10	.40	.75	1.25	4.50
Large Bell or Bull Nose (Hot) .....	.10	.45	.80	1.35	5.00
Long Red Cayenne .....	.10	.40	.70	1.25	4.00
Pimento .....	.10	.50	.85	1.40	4.75
Red Chili .....	.10	.40	.75	1.25	4.50
Ruby King .....	.10	.50	.85	1.40	4.75
Sweet Golden Dawn .....	.10	.55	1.00	1.75	6.00
PUMPKINS:					
Large Yellow .....	.10	.15	.20	.25	.75
Sweet Sugar or New					
England Pie .....	.10	.15	.20	.30	1.00

PEAS:	Pkt.	½ lb.	Lb.	5 lbs.	100 lbs.
Earliest of All	\$0.10	\$0.20	\$0.35	\$1.25	\$17.00
First and Best .....	.10	.20	.30	1.25	17.00
Gradus .....	.10	.25	.40	1.50	21.00
Laxtonian .....	.10	.25	.45	2.00	28.00
Marrowfat, Large White .....	.10	.15	.25	1.00	13.00
Melting Sugar .....	.10	.25	.40	1.50	24.00
Nott's Excelsior .....	.10	.25	.35	1.50	20.00
Thomas Laxton .....	.10	.25	.40	1.75	21.00
Late or Main Crop:					
Alderman .....	.10	.20	.35	1.25	19.00
Telephone .....	.10	.20	.35	1.25	19.00

Lohrman's Superior Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

The secret in growing good Radishes consists chiefly in the observance of three points: First, grow them on light, quick soil. Second, give them plenty of water. Third, get the right kind of seed. Radishes grow very rapidly and, if not given sufficient moisture, will turn pithy. Sow the seed one-half inch deep in early Spring, in rows one foot apart, and remember that the more fertile the soil the faster they will grow. For succession sow every ten days.

CRIMSON GIANT. This new type attains a size more than double that of any other turnip variety without getting pithy or hollow. The pure white flesh is crisp, tender and mild. Sow thinly to allow full development.

EARLY SCARLET GLOBE (Special Strain). The most popular variety for forcing and outdoor culture. Oval to round in shape, very bright red; flesh white, firm and crisp; the Radishes are clear scarlet without purple tinge, and grow very rapidly, being ready to pull in about 20 days. (See colored illustration, page 10).

EARLY SCARLET TURNIP WHITE TIPPED. A fine variety for forcing or outdoor culture; roots are round, deep scarlet, shading to a white tip at the bottom.

FRENCH BREAKFAST. The most popular and best known sort grown. It is exceedingly pretty, olive-shaped, scarlet with white tip.

ICICLE. The finest of pure white, early sorts. Planted in Spring, this variety is ready for pulling in about three weeks. Long, slender, purest white. These Radishes are crisp and tender, both when young and later.

WHITE STRASBURG. Of handsome, oblong, tapering shape, both skin and flesh being pure white. The flesh is firm, brittle and tender, and retains its crispness even if old and large.

Winter Varieties

CALIFORNIA MAMMOTH WHITE CHINA.
ROUND BLACK SPANISH.
SCARLET CHINA.

Rhubarb

One ounce of seed will sow 75 feet of drill.

VICTORIA. The best standard sort. Yields immense crops.

Salsify - Vegetable Oyster

One ounce of seed will sow 60 feet of drill.

Culture same as for parsnips. This is one of the most desirable Winter vegetables; the roots, when cooked, are very palatable and nutritious.

MAMMOTH SANDWICH ISLAND.

Sorrel

LARGE FRENCH BROAD-LEAVED. One of the best, having large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens.



Early Scarlet Globe Radishes.

Spinach

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast.

For a succession sow the seed in early April and again late in May in drills one foot apart and one inch deep, thinning out when plants are about 4 inches high. For the principal crop sow from first to middle of September, protecting crop with a light covering of straw or leaves.

KING OF DENMARK. As early as any and will stand two weeks longer than any other variety before going to seed. Holds up well after being cut. Dark green and crumpled. Highly recommended.

LONG SEASON. Leaves a dark green color, very broad, thick, and fleshy. Resists Summer heat remarkably well and remains a longer time in condition before going to seed than other sorts. Very desirable.

BLOOMSDALE or SAVOY-LEAVED. Best for Fall, but if sown very early in the Spring will produce a good crop. This early productive variety produces large, glossy, dark green leaves, crumpled or blistered, very thick and of great substance. The most largely grown Spinach on the market. Has a tendency to bolt to seed in warm weather.

NEW ZEALAND. This plant is really not a Spinach, but is used as such. It grows 1½ feet high and is very prolific. Grows well during hot Summer weather when the ordinary Spinach cannot be had.

PRINCESS JULIANA. We recommend this variety especially for Spring planting, during April and May, to raise a crop for cutting in succession to such varieties as Victoria and Long Season. It will not bolt to seed or lose color for nearly two weeks after these varieties are beyond use. It forms a stocky plant, with dark green, blistered leaves of good substance.

VICTORIA. (See colored illustration, page 10). A low-growing variety, forming flat on the soil, a rosette of exceedingly thick, dark green, glazed, much crumpled leaves. Good for either Spring or Fall sowing and stands for a long time before going to seed.



Princess Juliana Spinach.

RADISHES:	Pkt.	Oz.	2 ozs.	4 ozs.	Lb.		
Crimson Giant	\$0.10	\$0.15	\$0.20	\$0.30	\$1.00		
Early Scarlet Globe .....	.10	.15	.20	.30	1.00	
5 lbs., \$4.25; 10 lbs. or over at 75c per lb.							
Early Scarlet Turnip White							
Tipped .....	.10	.15	.20	.30	1.00	
French Breakfast .....	.10	.15	.20	.30	1.00	
Icele .....	.10	.15	.20	.30	1.00	
White Strasburg .....	.10	.15	.20	.30	1.00	
Winter Varieties:							
California Mammoth White							
China .....	.10	.15	.20	.35	1.25	
Round Black Spanish .....	.10	.15	.20	.35	1.25	
Scarlet China .....	.10	.15	.20	.30	1.00	
RHUBARB:							
Victoria .....	.10	.15	.20	.35	1.25	
SALSIFY:							
Mammoth Sandwich Island ..	.10	.20	.35	.65	2.25		
SORREL:							
Large-Leaved French .....	.10	.20	.30	.50	1.75	
SPINACH:	Pkt.	Oz.	¼ lb.	Lb.	5 lbs.	10 lbs.	25 lbs.
King of Denmark	\$0.10	\$0.15	\$0.20	\$0.60	\$2.75	\$4.75	\$11.25
Long Season10	.10	.20	.30	1.25	2.25	5.00
Bloomsdale or							
Savoy-Leaved ..	.10	.20	.30	1.25	2.25	5.00	
New Zealand10	.15	.25	.80	1.25	2.25	5.00
Princess Juliana ..	.10	.15	.25	.40	1.75	3.00	6.25
Victoria10	.15	.25	1.10	2.00	4.50	

Lohrman's Selected Squash

Early varieties, one ounce sufficient for 50 hills. Late varieties, one ounce for 20 hills; 4 to 6 pounds to the acre.

Before planting Squash in the open, the weather must be settled, the soil light and highly fertilized. Summer sorts should be planted from 4 to 6 feet apart each way in hills, pressing the seed down one inch deep. Late varieties require planting 8 feet apart, covering the seed 1½ inches deep. Nicotine Dust will keep off the destructive bugs.

Summer Varieties

ENGLISH VEGETABLE MARROW. A long, greenish white variety. Very sweet and tender.

ITALIAN VEGETABLE MARROW (Cocozelle). A Summer Squash of compact bush form, oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade, and marbled with yellow. Should be eaten when half grown. Cooked like other Squash or fried like eggplant.

MAMMOTH SUMMER CROOKNECK. A well known and standard variety. Grows from 18 inches to 2 feet in length. The shell is hard and warted and of an attractive bright yellow color. The thick flesh is of good quality.

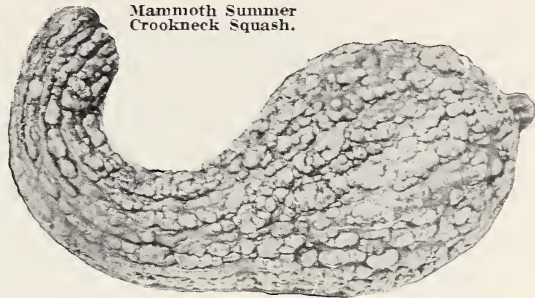
MAMMOTH WHITE BUSH. An early, round, flat Squash; color clear white; handsomely scalloped. Planted largely in every section of the country.

Winter Varieties

BLUE HUBBARD. A very large Squash of the Hubbard shape, but the color is blue-gray. The shell is very hard and the Squash keep a long time.

BOSTON MARROW. An early Fall sort of oval form. Thin skin, and when ripe a light orange color. Good size and fine keeper.

Mammoth Summer
Crookneck Squash.



DELICIOUS. For table use no Squash can compare with it. Sweet and exceedingly rich flavor.

GOLDEN HUBBARD. An early maturing variety, about one-third smaller than the Green-warted Hubbards. It has a reddish golden colored skin, with dry and fine grained flesh.

LOHRMAN'S HUBBARD. (See colored illustration, page 10). This is a superior variety, and the best Winter Squash known. Flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the Winter; boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the sweet potato. We have taken the utmost pains with this sort and can recommend our stock as in all probability the best in the country, and think our customers can plant it with perfect confidence that every fruit will be a pure Hubbard.

Tomatoes

One ounce will produce from 1000 to 2000 plants.

Good plants can be grown where a frame is not available from early February on in the house in pots or boxes. Where a hotbed is handy, sow the seed, giving good bottom heat, in February to March, and when the plants are three inches high, transplant into other frames about 4 to 5 inches apart each way, or plant into boxes which can be placed in the frames.

BEAUTY. A second early; large, smooth, purple-fruited variety of good quality.

BONNY BEST. A very early and desirable variety. Bright scarlet from outside to center. Vines strong and vigorous, producing a good crop of round, globe-shaped fruits which ripen more uniformly than other early sorts. A favorite with market gardeners.

CHALK'S EARLY JEWEL. A valuable variety for second early crop. Vines are very productive. The fruits are bright, deep scarlet-red, somewhat flattened, smooth, of large size and excellent in flavor. Smooth and solid.

DWARF CHAMPION. Very compact and dwarf, growing strong and treelike, so that the fruit is held up clear from the ground and does not require any stakes. Fruit purplish pink, round, smooth, and one of the best for quality and flavor. Is medium early.

EARLY DETROIT. Largest and best formed of the early purple-fruited sorts. Vigorous and productive. Fruit is very smooth, uniform in size, firm, and excellent quality. One of the best shipping early varieties.

EARLIANA. Extra early and of excellent quality. Vines small but vigorous and productive. Fruit deep scarlet, medium to large, nearly round and exceptionally smooth.

GOLDEN QUEEN. Large yellow.

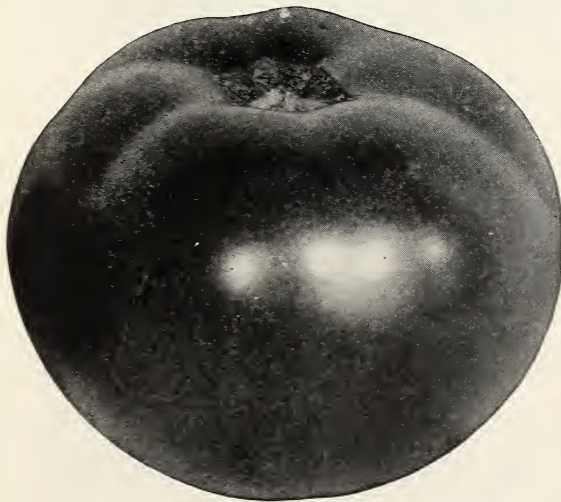
JOHN BAER. A new variety that is claimed to equal Bonny Best. It sold well last year and our own crops proved excellent. We look for it to be a winner.

LOHRMAN'S ACME. The finest large fruited purple Tomato grown. Fruit continues of large size until the last, and is unexcelled for slicing or cooking.

PONDEROSA. The largest Tomato. Decidedly the home gardener's favorite. A very fine variety.

STONE. One of the best standard sorts. Color bright red. Fruit large size, perfectly smooth and of best table quality. Much used for canning.

TRUCKER'S FAVORITE. A late variety, producing large, smooth, solid fruit of a purplish red color. It is quite prolific and resists blight to a remarkable degree.



Lohrman's Acme Tomato.

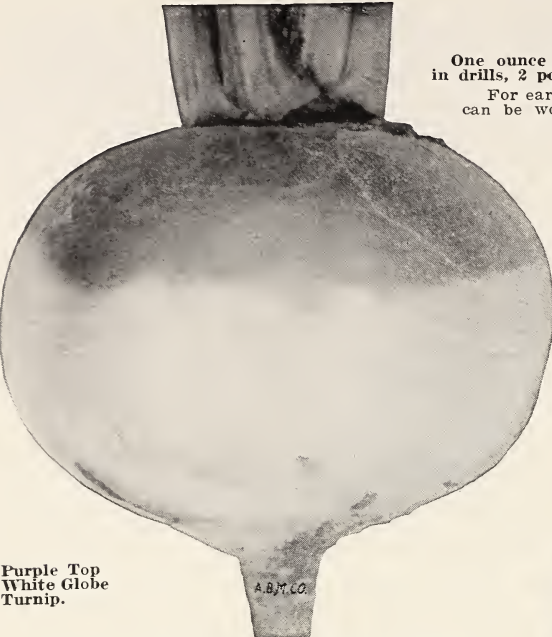
SQUASH—Summer Varieties:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
English Vegetable Marrow	\$0.10	\$0.15	\$0.25	\$0.40	\$1.50
Italian Vegetable Marrow	.10	.20	.30	.50	1.75
Mammoth Summer Crookneck	.10	.15	.20	.35	1.25
Mammoth White Bush Scallop	.10	.15	.20	.35	1.25
Winter Varieties:					
Blue Hubbard	.10	.20	.30	.50	1.75
Boston Marrow	.10	.15	.20	.30	1.00
Delicious	.10	.15	.20	.35	1.25
Golden Hubbard	.10	.15	.20	.30	1.00
Lohrman's Hubbard	.10	.15	.20	.35	1.25

TOMATOES:

Beauty	.10	.30	.50	.90	3.25
Bonny Best	.10	.35	.60	1.00	3.50
Chalk's Early Jewel	.10	.30	.50	.90	3.25
Dwarf Champion	.10	.40	.75	1.40	4.50
Early Detroit	.10	.70	1.15	1.85	6.75
Earliana	.10	.35	.60	1.00	3.50
Golden Queen	.10	.30	.50	.90	3.25
John Baer	.10	.35	.60	1.00	3.75
Lohrman's Acme	.10	.30	.50	.85	3.00
Ponderosa	.10	.50	.85	1.40	4.75
Stone	.10	.25	.45	.80	2.75
Trucker's Favorite	.10	.30	.50	.90	3.25

Turnips



Purple Top
White Globe
Turnip.

One ounce will sow 200 feet of row; one pound will sow an acre in drills, 2 pounds broadcast.

For early use sow in hotbed during March. As soon as the ground can be worked, Turnips can be sown outdoors in drills 12 inches apart, thinning out later to 5 inches apart in the row. For succession sow at intervals of two weeks till well into August, from which time until the middle of September sowing should be made for the later crops.

Turnips make excellent stock feed for Fall and Winter use. They are much liked by all stock and the feeding of Turnips or Rutabagas keeps them in good condition. We earnestly recommend farmers to sow Turnips and Rutabagas for this purpose. We know it is profitable.

EXTRA EARLY WHITE MILAN. Fine for earliest crops. The clean, white roots are smooth, flat and symmetrical. Flesh white, tender and of a very sweet flavor.

LONG WHITE COW HORN. Used largely for stock feeding and breaking up clay soil; the long, round, white, carrot-shaped roots are usually slightly crooked.

PURPLE TOP WHITE GLOBE. One of the best of the Winter Turnips. The roots are attractive in color; globe-shaped, extra large and solid.

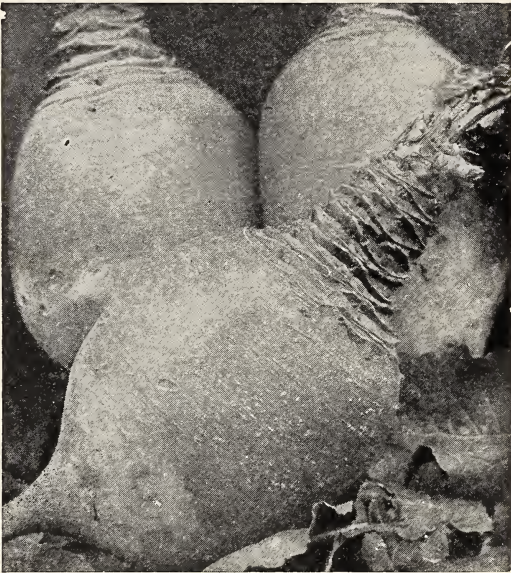
SEVEN TOP. Grown exclusively for the tops, which are used for greens.

WHITE EGG. Tops small, with distinctly cut leaves. Flesh pure white, very sweet, firm and mild.

Rutabaga or Swede

Largely grown in the North for stock feeding, and for this are superior to turnips. Sow in June in drills 2 feet apart and thin out to 8 inches in the row.

AMERICAN PURPLE TOP or YELLOW or IMPROVED LONG ISLAND. A very popular and standard sort; has a short neck and a very small top; bulbs grow to very large size; flesh yellow, fine grained and of the best quality. One of the most desirable varieties in cultivation.



Rutabagas.

Pot, Sweet and Medicinal Herbs

These are indispensable for every home garden. For flavoring soups, meats, etc., for medicinal use (especially where there are children), some good herbs will be found most useful.

All herbs thrive best in rich, mellow soil. Sow the seed early in Spring in shallow drills one foot apart, when the young plants are up 2 to 3 inches, thin out or transplant. Cut on a dry day, before coming into full bloom, tie in bunches and hang where they dry rapidly.

BASIL, Sweet. For flavoring soups, pickles, etc.

BORAGE. Grand as a salad mixed with lettuce. Flowers are excellent for bee pasture.

CARAWAY.

DILL, Mammoth (*Anethum graveolens*). An annual of aromatic odor and warm, pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making Dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into threadlike segments.

SAVORY, Summer.

THYME.

SAGE.

LAVENDER.

FENNEL, Sweet.

MARJORAM, Sweet.

FENNEL, Florence.



Dill.

TURNIPS:					
	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Extra Early White Milan ..	\$0.10	\$0.15	\$0.20	\$0.30	\$1.00
Long White Cow Horn .....	.10	.15	.20	.30	.65
Purple Top White Globe .....	.10	.15	.20	.30	.65
Seven Top .....	.10	.15	.20	.30	.65
White Egg .....	.10	.15	.20	.25	.75
RUTABAGA or SWEDE:					
American Purple Top .....	.10	.15	.20	.25	.60
HERBS:					
Basil, Sweet .....	.10	.20	.35	.65	
Borage .....	.10	.20	.30	.50	1.75
Caraway .....	.10	.15	.20	.30	1.00
Dill .....	.10	.15	.20	.30	1.00
Fennel, Florence .....	.10	.15	.20	.35	1.25
Fennel, Sweet .....	.10	.15	.20	.25	.85
Lavender .....	.10	.20	.35	.65	2.25
Marjoram, Sweet .....	.10	.30	.50	.90	3.25
Sage .....	.10	.25	.35	.80	2.75
Savory, Summer .....	.10	.20	.30	.50	1.75
Thyme .....	.10	.35	.60	1.00	3.50
Wormwood .....	.10	.45			



Sage.

High Grade Grass and Clover Seed

Prices change with the market and it is impossible to make a firm price. Prices on all farm seeds and clover on application.

Clover Seed

ALFALFA or LUCERNE. As a tame hay plant, Alfalfa stands supreme in longevity, yields, feeding value, soil building and economy, and in adaptability to wide variations of soil and climate. Alfalfa not only produces a hay crop of from 3 to 10 tons per acre, a valuable seed crop, but at the same time enriches the soil on which it is growing. Alfalfa will thrive on almost every kind of soil except a wet one. It is essentially a dry-land plant and on wet soils the weeds will get ahead of it. Alfalfa is sown either in the Spring or the Fall at the rate of from 15 to 20 pounds to the acre. In sowing Alfalfa, it is of greatest importance that the seed bed be carefully and thoroughly prepared. The seed bed should be firm and moist, and the surface should be loose, mellow, and very finely pulverized. Per lb., 50c.

ALSIKE or SWEDISH. Alsike Clover is especially valuable for growing on wet or swampy land. If you have a piece of land that is too damp for Alfalfa or other clovers or grass, sow a mixture of about four pounds of Alsike Clover and ten pounds of Red Top Grass seed. This will make an excellent crop of hay. Alsike Clover is very hardy, is perpetual, will withstand drought and will not winter-kill. About six to ten pounds will sow an acre and as the seed is very fine it should be covered only slightly. Per lb., 50c.

MEDIUM RED or JUNE. This is considered the most valuable of all the Clovers and is known to every farmer. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the Spring or Fall, and if no other grasses are used, at the rate of 8 to 12 pounds per acre. Per lb., 50c.

WHITE DUTCH. This is of particular value in mixtures in permanent pastures and lawns, and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass, to obtain permanent pastures. 5 to 6 pounds per acre. Per lb., 90c.

BOKHARA or SWEET CLOVER. White Blossom Sweet Clover. Very valuable for soiling. Splendid inoculator for alfalfa. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Sow 10 to 15 pounds per acre. Per lb., 50c.

Grass Seed

CANADA BLUE GRASS. Resembles somewhat the Kentucky Blue Grass, but is not so good quality. It thrives on stiff, clay soils of low fertility. It is seldom found on sandy soils. Sow early in Spring or in the Fall. 28 pounds per acre are recommended. It is coarser than Kentucky Blue Grass and grows a little more rapidly. Per lb., 50c.

TIMOTHY. As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It is not suited for permanent pasture, as it will in the course of a few years run out. It is, however, well adapted to early Spring grazing as it starts up quickly in the Spring. Per lb., 25c.

ORCHARD GRASS. Is ready for grazing in Spring two weeks earlier than most grasses, and when fed off is again ready for grazing in a week. Palatable and nutritious and stock eat it greedily when green. When sown alone about 28 pounds are required per acre; if sown with clover, half that quantity. It is perennial and it will last for years. Per lb., 35c.

SUDAN GRASS. The popular hay and forage crop; the wonderful drought resister. Sudan Grass is a member of the Sorghum family. It is an annual plant, having a fibrous root system similar to wheat, which makes it as easily eradicated as millets. It is used for hay and forage and as a soiler. It is a great stooler, as many as 100 stems have been counted from a single seed. This accounts in part for its great yield, which is often 8 to 10 tons of excellent quality hay per acre. It makes a richer feed than fodder corn, Kaffir or millet, has no more leaf and less stalk than cane or Kaffir, cures easily, and will not sour or spoil as cane so often does. All kinds of stock eat it readily, and it is especially good for horses, mules and cattle.

Miscellaneous Farm Seeds

Field Corn

PRIDE OF THE NORTH (Yellow Dent). A dependable early yellow Dent Corn. The stalks are well proportioned, being short jointed and leafy. Two or more well developed ears are frequently found on a single stalk. Kernels very deep and closely set on the ear.

EARLY RED BLAZED or SMUT NOSE FLINT. This is one of the hardest field Corns in cultivation. It is not only early, but will endure, uninjured, a degree of cold and wet that would be fatal to most other sorts. A great favorite in Michigan, and other northern states. Stalks medium height, with few suckers. Ears long, 8-rowed, well filled, small at base. Ears average 10 inches long; stalks 7 to 8 feet tall. Very productive, and great for fodder.

GIANT RED COB ENSILAGE. Large, pure white Corn with a red cob. Grows very large. One of the best to feed green from the field, to cure and stack away or for the silo. Fields in Michigan have cropped 45 tons per acre. Its broad, succulent leaves make it especially desirable for fodder and ensilage. Everywhere, both in the North and in the South, this is the great Corn for ensilage and fodder.

CHAMPION BEARDLESS SPRING BARLEY.

SOY or SOJA BEANS.

BUCKWHEAT, Silverhull.

CANADA WHITE FIELD PEAS.

COW PEAS. The great soil improvers.

HUNGARIAN MILLET.

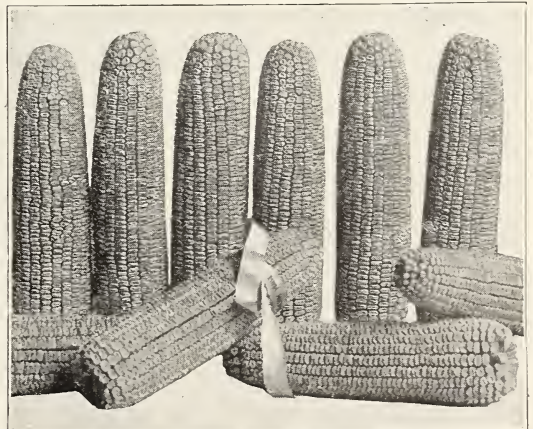
SPRING RYE.

WINTER RYE.

DWARF ESSEX RAPE. This is beyond doubt the most popular and profitable of all forage plants, giving satisfaction everywhere. Rape is easily grown anywhere and is unsurpassed for pasturing hogs, cattle and sheep. They always thrive on it, and prefer it above all other pastures during the Summer, late Fall and even into the Winter in some sections. It is most

generally sown in June, July or August, with Corn or can be sown early with small grain to provide pasture after the grain is harvested.

WINTER VETCH. The Winter cover crop. Also called Sand or Hairy Vetch. Is a hardy legume sown in the northern states in the Fall months, growing well that season, and remaining green all Winter. It supplies a place in the North that the less hardy crimson clover does in the South. As a Winter cover crop it prevents washing or leaching of soil during the Winter and at the same time as a nitrogen gatherer it enriches the soil. Vetch also furnishes a very valuable hay or pasture. Drill for cover crop 10 to 20 pounds per acre.



Pride of the North Yellow Dent Corn.

GENERAL LIST OF CHOICE FLOWER SEEDS



Giant Comet Aster.



Antirrhinum—Snapdragon.



Semple's Branching Aster.

There is no place so small that there is not room for a few of these beautiful flowers and with a trifling expense an abundance of blooms can be easily obtained. Many of our most beautiful garden flowers are raised from seeds.

Achillea

PTARMICA, "THE PEARL." One of the best hardy perennials, large heads of pure white, double flowers, will bloom the first season if sown early. Pkt., 10c; oz., \$5.00.

MILLEFOLIUM ROSEUM. Finely cut deep green foliage, flowers pink in dense heads, 18 inches high, and flowers all Summer. Perennial. Pkt., 25c.

Aconitum - Monkshood

A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped blue flowers. Well adapted for planting among shrubbery. Pkt., 25c; oz., \$4.00.

Ageratum

FLOSS FLOWER. Free blooming, large-flowered, compact. **DWARF WHITE.** Extra fine. Pkt., 10c; oz., 60c. **DWARF BLUE.** Extra quality. Pkt., 10c; oz., 60c.

Agrostemma - Mullein Pink

CORONARIA. A very hardy perennial, easy to grow, beautiful crimson flowers shaped like a single pink, and silvery white foliage. Blooms first year. Pkt., 10c; oz., 75c.

Alyssum

SWEET. Pretty plants for beds, vases, baskets, edging or rockwork; will bloom all Summer. Can be grown very readily either outdoors or indoors. White. Pkt., 10c; oz., 30c. **LITTLE GEM.** Very dwarf and compact, and very free flowering; fine for bedding. White. Pkt., 10c; oz., 75c. **SAXATILE COMPACTUM** (Basket of Gold). A beautiful yellow perennial. Good, compact habit; very free bloomer. Pkt., 10c; oz., \$1.00.

Amaranthus

CAUDATUS (Love-Lies-Bleeding). Long drooping crimson racemes; height, 3 feet. Fine for borders of tall plants, or in center of large beds. Pkt., 10c; oz., 25c. **TRICOLOR** (Joseph's Coat). Leaves red, yellow and green. Pkt., 10c; oz., 50c.

Anemone - Windflower

CORONARIA. A very fine perennial, enormous, with great variety of striking colors. Sow seed outdoors in Spring and keep shaded until plants appear. Mixed colors. Pkt., 10c; oz., \$1.25.

Anchusa

ITALICA, DROPMORE VARIETY. One of the best hardy perennials; lovely gentian-blue, great improvement on the old variety. Pkt., 10c; oz., \$1.50.

Anthemis

HARDY MARGUERITE. Heavy-scented plants, with many-flowered heads of golden-centered flowers. Because of their continuous profuse blooming, throughout the Summer, they are very desirable. Pkt., 10c; oz., \$1.25.

Aquilegia or Columbine

One of the most popular perennials, easiest of cultivation. Blooms profusely from May to August; very desirable for herbaceous borders and groups among shrubs. Very hardy. Single or double mixed. Pkt., 10c; oz., \$1.00.

MRS. SCOTT ELLIOTT'S STRAIN OF LONG-SPURRED HYBRIDS. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a harmonious mass of coloring. Pkt., 25c; oz., \$5.00.

Arabis

A hardy perennial. The spreading tufts are covered with a sheet of pure white flowers. Very desirable for edging border. Pkt., 10c; oz., 75c.

Antirrhinum - Snapdragon

Snapdragons have become very popular within the past few years. They make a fine display in the garden and they are very useful for table decorations when cut. (See color picture on outside back cover).

MIXED. Pkt., 10c; oz., 75c.

SCARLET. Pkt., 10c; oz., \$1.00.

YELLOW. Pkt., 10c; oz., \$1.00.

PURE WHITE. Pkt., 10c; oz., \$1.00.

ROSE. Pkt., 10c; oz., \$1.00.

LOHRMAN'S SUPER-GIANT SNAPDRAGONS (Antirrhinum Majus Maximum). These Snapdragons far surpass anything yet introduced. They grow 4 to 5 feet high, much taller than the Half-Dwarf group and with still larger flowers. In vigor of growth, size, color and profusion of blossoms these Super-Giants are a wonderful improvement.

Appleblossom. Soft apple blossom-pink with yellow lip and pure white throat. Strong stems bearing magnificent flowers.

Cattleya. Beautiful rosy lilac with yellow lip.

Old Gold. Deep golden yellow, a very lovely shade.

Purple King. A deep glowing purple, very pleasing.

The Rose. Clear deep rose pink, very large individual, long flowers set closely on long spikes.

Wallflower. Very large, bronzy orange flowers shading to coppery-red at the edges and to clear deep yellow in the throat.

Each pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

Asters

GIANT OSTRICH FEATHER. The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers of excellence. White, soft pink, lavender, crimson, dark blue, mixed. Pkt., 10c; oz., \$1.50.

ROYAL ASTERS. Of all the large, fine Asters none can beat this truly magnificent class. The plants are strong growers and produce an abundance of large flowers on long, strong stems, and keep a long time. White, crimson, rose, lavender, purple, mixed. Pkt., 10c; oz., \$1.50.

SEMPLER'S BRANCHING. This special strain is American grown and is especially adapted to our climate. Long stems, very large flowers, very useful for bedding and one from which results can be obtained. White, flesh pink, crimson, lavender, purple, mixed. Pkt., 10c; oz., \$1.00.

GIANT COMET. Flowers are extra large, with long, curled petals, similar to Chrysanthemums, branching habit, long stems. White, pink, crimson, lavender, purple, mixed. Pkt., 10c; oz., \$1.50.

HARDY PERENNIAL ASTER (Michaelmas Daisy). Mixed. A single-flowered perennial Aster. Flowers in the Fall and is splendid for herbaceous borders; if sown early will flower the first season. Pkt., 10c; oz., \$2.50.

HEART OF FRANCE ASTER. The flowers are large and full to the center; opens ruby red, deepening with age. Plants are of branching type; flower stems long. Per pkt., 10c; oz., \$2.00.

Arctotis - African Daisy

GRANDIS. Bushy annual plants, producing the entire season, on long stems, large daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue; 2 feet. Pkt., 10c; oz., 60c.

Asparagus

Asparagus possesses the advantage of being more graceful and its foliage finer than that of the most delicate Fern. As a house plant it will thrive under practically all conditions. The Asparagus likes a good, rich soil and fairly warm temperature.

PLUMOSUS NANUS. Very useful for bouquets; also makes a good house plant. Pkt., 10c; \$1.00 per 100 seeds.

SPRENGER. Elegant variety for hanging baskets. Pkt., 10c; 50c per 100 seeds.

Balloon Vine

LOVE-IN-A-PUFF. A rapid growing climber; annual. Pkt., 10c; oz., 25c.

Begonia

SEMPERFLORENS, MIXED. A boon for shady places. One of the few gorgeously tinted flowers which will thrive and make glorious the dark and shady corners. Pkt., 25c; oz., \$3.50.

Balsam

LADY SLIPPER. One of the oldest known and favorite garden flowers. Anybody can grow it. It is of such easy culture. Succeeds best in rich soil. Double Camellia-flowered. Pkt., 10c; oz., 75c.

Bellis Perennis - English Daisy

A hardy, free growing perennial. Its low habit of growth makes it valuable for borders. It is a long time in bloom.

LONGFELLOW. Double pink. Pkt., 10c; oz., \$3.00.

SNOWBALL. Double white. Pkt., 10c; oz., \$3.00.

DOUBLE MIXED. Pkt., 10c; oz., \$2.00.

Bocconia - Plume Poppy

CORDATA. A very handsome perennial. Foliage bright green. Spikes two to three feet long, of cream colored flowers; easily raised from seed. Pkt., 10c; oz., 75c.

Boltonia, Perennial

ASTEROIDES. Pure white; very effective. Pkt., 10c; oz., \$2.00.

LATISQUAMA. Light pinkish blue flowers; very lovely; blooms late in Fall. Highly recommended. Height 3 to 4 feet. Pkt., 10c; oz., \$2.00.

Calendula - Pot Marigold

One of the best and showiest free flowering hardy annuals, growing in any good garden soil. Of late it has been very much improved, and the varieties we offer are the best that can be obtained.

PRINCE OF ORANGE. Large, double, orange, much like Meteor, only darker. Pkt., 10c; oz., 35c.

METEOR. Large, double yellow with orange stripes, striking for cut bloom. Pkt., 10c; oz., 35c.

ORANGE KING. Very large flowers, dark orange-red. Pkt., 10c; oz., 35c.

ORANGE KING. Extra select florist strain. Pkt., 10c; oz., 75c.

LEMON QUEEN. Very large and double; lemon-yellow. Pkt., 10c; oz., 35c.

BALL'S STRAIN. Bright, glowing orange; large and double. Pkt., 10c; oz., \$1.50.

Calliopsis

CRIMSON KING. Splendid; dwarf; rich velvety crimson-garnet. Nice for house plants. 10 inches. Pkt., 10c; oz., 50c.

GOLDEN WAVE. Rich golden yellow; chestnut-brown center. Height, 1 foot. Pkt., 10c; oz., 50c.

TINCTORIA MIXED. A very hardy and easily grown annual, producing an abundance of brilliantly colored single ray flowers with dark center. The flowers, which are about one and one-half inches across, vary from clear yellow to deep rich brown, the two colors often being beautifully contrasted in the same blossom. Height of plants, 2 to 3 feet. Pkt., 10c; oz., 30c.

Calceolaria

Tender perennial. Sow in August or September. Choice mixed. Pkt., 25c.



Campanula.

Canary-Bird Vine -**Tropaeolum Canariense**

A splendid rapid annual climber, the small canary colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 10c; oz., 35c.

Campanula -**Canterbury Bells**

A hardy biennial, which will flower well the second year from seed. Single, pkt., 10c; oz., 50c. Double, pkt., 10c; oz., \$1.25.

CALYCANTHEMA (Cup and Saucer). Beautiful form of Canterbury Bell with a large saucer at the base of the flower. Grows 2 feet high. Pink, blue and white, mixed. Dark blue, light blue, rose, white, single and double mixed. Pkt., 15c; oz., \$3.00.

CARPATICA (Carnathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed. Pkt., 10c; oz., \$2.00.

Candytuft - Iberis**Umbellata**

Candytuft is one of the most prized garden annuals. Easily grown from seed and does not need transplanting. Fine for cut flowers. Flesh pink, crimson, lavender, purple, pkt., 10c; oz., 35c; ¼ lb., \$1.00.

GIANT HYACINTH-FLOWERED. Immense spikes of pure white flowers. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

Canna - Indian shot

Although these are generally planted from roots, they may be grown with comparative ease from seed. Scrape or file the edge of seed and soak in warm water until they show signs of swelling, then sow in sandy loam and place in a hotbed.

CROZY'S DWARF MIXED. From the finest sorts. Pkt., 10c; oz., 40c.

Candytuft, Perennial - Iberis**Sempervirens**

A hardy perennial for edging borders. White. Pkt., 10c; oz., \$3.00.

Carnations

Carnations are a great favorite with most people who take pride in their old-fashioned garden. They have the most beautiful colors and are easily raised from seed the first year. **CHABAUD'S GIANT DOUBLE.** White, pink, red. Pkt., 10c; oz., \$2.00.

MARGUERITE FINEST MIXED. The plants of this wonderfully fine strain may be made to bloom in four months. Flowers large, double, deeply fringed, very fragrant and appear in very attractive shades of color. Especially desirable for bedding as an annual and for cutting. Pkt., 10c; oz., \$1.50.

Centaurea

GYMNOCARPA. Leaves fern-like and a trifle taller than Candidissima. Pkt., 10c; oz., \$1.00.

CANDIDISSIMA. Thick white leaves grown for foliage and used for edging. Pkt., 10c; oz., \$2.25.

Centaurea Cyanus

(CORNFLOWER OR BACHELOR'S BUTTON)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual; excellent for cutting; 2 feet.

DOUBLE BLUE. Splendid for cutting. Pkt., 10c; oz., 50c.

DOUBLE ROSE. Splendid for cutting. Pkt., 10c; oz., 50c.

DEEP RED. Splendid for cutting. Pkt., 10c; oz., 50c.

DOUBLE MIXED. Splendid for cutting. Pkt., 10c; oz., 30c.

SINGLE BLUE. Splendid for cutting. Pkt., 10c; oz., 40c.

SINGLE CHOICE MIXED. Splendid for cutting. Pkt., 10c; oz., 30c.

Centaurea Imperialis

(GIANT CORNFLOWER OR SWEET SULTAN)

The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 feet. Pkt., 10c; oz., \$1.00.



Calendula—Pot Marigold.



Delphinium—Larkspur.

Chrysanthemums

Summer blooming; beautifully colored daisy-like flowers; fine for cutting. Wonderful improvements have been made in this old garden favorite.

CORONARIUM. Double mixed, pkt., 10c; oz., 35c. Single mixed, pkt., 10c; oz., 40c.
EARLY FLOWERING DOUBLE AND SEMI-DOUBLE MIXED. A new perennial variety, which can also be treated as an annual, blooming the first year from seed. The flowers are of many colors and shades. Pkt., 10c; oz., 75c.

Chrysanthemum Maximum

SHASTA DAISY. A splendid hardy perennial variety, with flowers frequently 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems. This is a beautiful cut flower frequently lasting in good condition a week or more. Pkt., 10c; ¼ oz., 60c; ¼ oz., \$1.00; oz., \$2.50.

Cineraria

HYBRIDA. Choice mixed. Large flowering. Pkt., 25c; ¼ oz., \$3.00.
MARITIMA CANDIDISSIMA. Silvery green, laciniated foliage; good for edging. Pkt., 10c; oz., \$1.50.

Clarkia

A very easily grown annual, which has been much improved in recent years. The varieties which are listed below are the best that can be obtained. They do well in either sun or shade. White, scarlet, salmon, and double mixed. Pkt., 10c; oz., 75c. Single, pkt., 10c; oz., 50c.

Annual Climbers

BALLOON VINE. Pkt., 10c.
CANARY BIRD VINE. Pkt., 10c.
CARDINAL CLIMBER. Pkt., 10c.
COBAEA SCANDENS. Pkt., 10c.
CONVOLVULUS MAJOR. Mixed. Pkt., 10c.
CYPRESS VINE. Mixed. Pkt., 10c.
DOLICHOS. Mixed. Pkt., 10c.
GOURDS. Mixed. Pkt., 10c.
HUMULUS JAPONICUS. Pkt., 10c.
IPOMOEA. All varieties. Pkt., 10c.
TALL NASTURTIUMS. Mixed. Pkt., 10c.
WILD CUCUMBER. Pkt., 10c.

Cockscomb - Celosia

A free blooming, half-hardy annual. The flowers of some are shaped like a cock's comb; others have plumed heads of brilliant orange and scarlet. All can be cut for dried Winter bouquets. The dwarf sorts are fine for borders, the others make good bedding plants.

CRISTATA MIXED. Pkt., 10c; oz., \$1.00.
CRISTATA GLASGOW PRIZE. Dark crimson. Comb shape. Pkt., 10c; oz., \$3.00.
PLUMOSA, TALL MIXED. Feathered cockscomb. Pkt., 10c; oz., \$1.00.
CHILD'S (Chinese Woolflower). Plants grow 2½ feet high and produce a large number of ball-shaped scarlet flowers, resembling silky wool. Pkt., 10c; oz., \$2.00.

Cobaea

A rapid growing climber with beautiful dark green foliage, bearing on graceful stems, large, bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue. Sow seed edgewise.

SCANDENS. Violet blue. Large, bell-shaped. Pkt., 10c; oz., 50c.

SCANDENS ALBA. Pure white. Pkt., 10c; oz., \$1.50.

Coleus

Ornamental foliage plants of the most varied colorings, resembling the rainbow in gorgeousness.

MIXED HYBRIDS. Pkt., 25c; ¼ oz., \$1.00; ¼ oz., \$1.75; oz., \$4.50.

Convolvulus Major - Morning Glory

A beautiful annual climber; one of the most rapidly growing climbers in cultivation, thriving in almost any situation. Mixed. All colors. Pkt., 10c; oz., 15c; lb., 75c.

Coreopsis

LANCEOLATA GRANDIFLORA. This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. Fine for cut flowers. Pkt., 10c; oz., 75c.

Cosmos

Grace and brilliancy are the characteristics of these beautiful flowers. They resemble single Dahlias with their broad petals surrounding a golden heart, borne on long stems.

EARLY FLOWERING MAMMOTH COSMOS. Immense blooms. White, pink, crimson, mixed. Pkt., 10c; oz., 75c.

DOUBLE CRESTED or ANEMONE-FLOWERED. Mixed. White, pink, crimson. Pkt., 25c; ¼ oz., \$1.00; ¼ oz., \$1.75; oz., \$5.00.

Cyclamen

We are specialists in Cyclamen for florists, and can supply at all times any of the named sorts, including the Rococo types. Prices on application. Pkt., 10c seeds, 25c.

Cypress Vine

Everyone is acquainted with this old-time favorite climbing vine. The beautiful fernlike leaves and star-shaped flowers make it a very desirable Fern for all purposes. Mixed. Pkt., 10c; oz., 40c.

Cynoglossum

AMABILE (Chinese Forget-Me-Not). A lovely plant 18 to 24 inches tall with flowers of a true Forget-Me-Not Blue. May be grown either outside or under glass. Make wonderful cut flowers. Perennial. Pkt., 10c; oz., \$1.00.

Dahlias

One of the best Summer and Autumn flowering plants, and now enjoying a wide popularity. They will bloom the first year if sown early. Double mixed. Pkt., 10c; oz., \$2.00.

Delphinium - Perennial Larkspur

(See color plate on page 28)

These handsome, stately border plants produce long, bold flower spikes ranging in color from the palest sky-blue to the darkest shades of indigo and violet, and are unrivalled for producing blue effects in the Summer border. If, after the first flowering, the stems are cut down close to the ground, they will bloom again in Autumn.

BELLADONNA. Clear turquoise blue, white center. Pkt., 10c; oz., \$3.50.

BELLAMOSUM. Beautiful spikes of rich blue flowers. Pkt., 10c; oz., \$3.50.

GOLD MEDAL HYBRIDS. Produce long spikes of large flowers. An extra fine strain containing many shades of blue. Pkt., 10c; oz., \$2.00.

SUMMER CLOUD. The flowers are pure white and come true from seed. A great addition to the perennial border and a plant you will prize. Pkt., 30c.

PRINCE CHARMING. Lilac pink with black eye. Pkt., 30c.

SMOKE OF WAR. Deep reddish violet with black center. Pkt., 30c.

BRITON'S PRIDE. Semi-double sky-blue and lavender with white eye. Pkt., 30c.

The above four varieties are imported direct by us from Kelway & Son of England.

Dianthus or Pinks

The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year, also the second year if protected through the Winter.

ANNUAL

HEDDEWIGI. Japan single. Pkt., 10c; oz., 75c.

DOUBLE CHINESE. Pkt., 10c; oz., 75c.

PERENNIAL

PLUMARIUS (Pheasant's Eye). Single fringed flowers. Pkt., 10c; oz., 75c.

PLUMARIUS. Double grass pink. Pkt., 10c; oz., \$3.00.

Dictamnus - Gas Plant

The seed of these is very slow to germinate.

FRAXINELLA. 3 feet. June-July. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple-veined flowers, excellent for cutting. Pkt., 10c; ¼ oz., \$1.00.

ALBUS. 3 feet. June-July. Spikes of attractive pure white sweet-scented flowers. Perennial. Pkt., 10c; ¼ oz., \$1.00.

Didiscus - Blue Lace Flower

An interesting annual, which blooms from July to November. The pale lavender blossoms are excellent for cutting. 18 inches high. Pkt., 10c; oz., \$2.00.



Eschscholtzia—California Poppy.

Digitalis - Foxglove

(See color picture on page 28)

Hardy perennial, bearing long spikes of beautifully colored flowers; fine for planting in hardy borders or among shrubbery.

GLOXINIAEFLORA. Purple, rose, white, mixed. Pkt., 10c; oz., 75c.

THE SHIRLEY. Very long spikes, with large flowers ranging from dark maroon to white. Pkt., 10c; oz., \$2.00.

Dimorphotheca - African Golden Daisy

AURANTIACA. A fine showy Daisy from South Africa. Color rich, glossy orange-gold, with dark center. Sow seed in Spring and transplant to sunny position. They will bloom the greater part of the Summer. Pkt., 10c; oz., \$1.00.

Dolichos - Hyacinth Bean

A rapid growing annual climber. Blooms freely in clusters, which are followed by ornamental seed pods. All colors mixed. Pkt., 10c; oz., 25c.

Dracaena

INDIVISA. Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c; oz., 75c.

Eschscholtzia - California Poppy

Very brilliant flowers, produced in great numbers. They may be sown in Spring, although Fall sowing will give better results. Mixed. Pkt., 10c; oz., 35c.

Eupatorium

A splendid native plant, growing two feet high. Immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

COELESTINUM. Lavender flowers. Pkt., 10c; oz., \$2.00.

Euphorbia - Snow-on-the-Mountain

Showy border plant, easily grown. Beautiful foliage. Edged and veined with white. Annual.

VARIEGATA. Pkt., 10c; oz., 75c.

Gaillardia - Blanket Flower

Showy border plants producing flowers from July to September. A continual supply of richly colored flowers ranging from clear yellow to glowing scarlet-red. Extra fine for cutting.

PICTA. Annual. Mixed. Pkt., 10c; oz., 40c.

GRANDIFLORA. Perennial. Choice mixed. Pkt., 10c; oz., 75c.

Geum

Well known hardy perennials noted for their rich coloring and freedom of flowering. Most useful for cutting and the rockery or border.

ATROSANGUINEUM FL. PL. Pretty border plants, growing 18 inches high and producing brilliant scarlet flowers throughout the Summer. Pkt., 10c; oz., \$2.00.

Globe Amaranth - Gomphrena Globosa

A first rate bedding plant. The flowers resemble clover heads and can be dried and used in Winter bouquets. Mixed. Pkt., 10c; oz., 50c.

Godetia

Hardy annual, about one foot high, of compact growth, bearing a profusion of beautiful cup-shaped flowers. Colors deep red, pink and white. Fine mixed. Pkt., 10c; oz., 75c.

Gourds

(Both Useful and Ornamental)

Rapid growing, interesting annual climbing plants, with ornamental foliage and curious-shaped fruit. Excellent for a screen around the back porch as they are remarkably free from insects. Height ten to twenty feet.

DIPPER, EGG, HERCULES CLUB, DISHCLOTH or LUFFA, CALABASH, MIXED GOURDS. All sorts, pkt., 10c; oz., 40c.

Gypsophila - Baby's Breath

An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

ELEGANS. Pure white. Annual. Pkt., 10c; oz., 25c; 2 oz., 45c; 4 oz., 75c.

CARMINEA. A beautiful pink variety. Pkt., 10c; oz., 50c; 2 oz., 90c; 4 oz., \$1.60.

HARDY PERENNIAL VARIETIES

PANICULATA. A very hardy perennial, small single white flowers. Pkt., 10c; oz., 60c.

PANICULATA FL. PL. The new double flowering Baby's Breath, smothered with dainty, double, white flowers, which, when cut and dried, are useful for table decoration in Winter. Pkt., 25c; ¼ oz., \$2.00; ½ oz., \$3.75.



Helichrysum—Strawflower.

Helenium

Handsome plants, allied to the sunflowers. Of the easiest culture, forming dense masses of bloom in late Summer or Autumn.

AUTUMNALE SUPERBUM. Golden yellow flowers. Mixed. Pkt., 10c; oz., \$3.00.

Heliopsis - Orange Sunflower

Similar in general habit to Helianthus, but commencing to flower earlier in the season. July and August.

ZINNIAEFLORA. Pkt., 10c; oz., \$1.25.

Helichrysum Monstrosum Fl. Pl.

This is one of the best Strawflowers, and when dried it is very useful for table decoration in Winter. Very large, double flowers, and a fine assortment of colors.

FIREBALL, GOLDEN BALL, SILVER BALL, ROSE QUEEN, SALMON QUEEN, VIOLET QUEEN. Pkt., 10c; oz., \$1.00.

MIXED. Pkt., 10c; oz., 50c.

Heliotrope

Very fragrant blue and white flowers; splendid for pots and gardens. Mixed. Pkt., 10c; oz., \$2.00.

Heuchera - Coralbells

SANGUINEA. Very hardy perennial; beautiful coral-red spikes of bloom. Pkt., 25c; ¼ oz., \$2.25; ¼ oz., \$3.50; ½ oz., \$6.00.

Hibiscus - Marsh Mallow

Very hardy. A vigorous plant of easy culture, growing about two feet high with handsome flowers.

MALLOW MARVELS. Mixed colors. Pkt., 10c; oz., 75c.

Hollyhocks

We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following Summer.

CHATER'S SUPERB. Double white, pink, maroon, lilac, salmon, scarlet, yellow. Separate colors. Pkt., 10c; oz., \$1.50. Mixed, oz., \$1.00.

SINGLE. White, pink, salmon, maroon, red and yellow. Mixed. Pkt., 10c; oz., \$1.00.

ANNUAL SINGLE. Pkt., 10c; oz., 50c.

ANNUAL SEMI-DOUBLE. Pkt., 10c; oz., \$1.00.

Honesty - Lunaria

Grown mostly for their large, flat, silvery pods used for Winter bouquets. Pkt., 10c; oz., 75c.

Humulus - Japanese Hop

JAPONICUS. A very fast growing annual climber, foliage much like the common hop, is very dense, and in color a beautiful green. Pkt., 10c; oz., 75c.

VARIEGATUS. A variegated variety of the above. Pkt., 10c; oz., 75c.



Hollyhocks.

Ipomoea

GRANDIFLORA (Moonflower). A rapid growing annual climber. At night and during very dull days the plants are covered with beautiful white blossoms; very fragrant.

White. Pkt., 10c; oz., 50c.

RUBRA CAERULEA. Blue. Pkt., 10c; oz., \$1.00.

QUAMOCUIT HYBRID (The Cardinal Climber). Pkt., 10c; oz., \$3.00.

IMPERIAL JAPANESE MORNING GLORIES. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c.

Job's Tears - Coix

The beads or tears pearly white to lead color. Pkt., 10c; oz., 15c; lb., 75c.

Kochia - Summer Cypress

An annual of easy culture, three feet high with beautiful foliage which will turn from green to a deep rich red in the Autumn. Pkt., 10c; oz., 40c.

Kudzu Vine

JACK-AND-THE-BEAN-STALK VINE. A very rapidly growing vine; foliage dense. Fine for covering arbors and porches. Pkt., 10c; oz., 50c.

Lantana

One of the most desirable half-hardy greenhouse or bedding plants, which bloom constantly. The flowers are borne in Verbena-like heads of orange, white, rose, etc. Mixed colors. Pkt., 10c; oz., 75c.

Lathyrus - Everlasting or Hardy Sweet Pea

Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flower. Pkt., 10c; oz., 75c.

Larkspur - Annual Stock Flowered

Beautiful spikes of double flowers in many shades, ranging from pure white to deep, rich pink. Very decorative, hardy annuals. (See color picture on outside back cover).

DWARF ROCKET MIXED. Pkt., 10c; oz., 50c.

DARK BLUE. Pkt., 10c; oz., 50c.

LUSTROUS CARMINE or NEWPORT PINK. Pkt., 10c; oz., 50c.

SKY BLUE. Pkt., 10c; oz., 50c.

EXQUISITE. Soft rose-pink. Pkt., 10c; oz., \$1.00.

PURE WHITE. Pkt., 10c; oz., 50c.

Lavatera - Annual Mallow

TRIMESTRIS GRANDIFLORA ROSEA. A very beautiful annual, growing about two feet high and bearing cup-shaped, pink flowers the entire season. Pkt., 10c; oz., 75c.



Hibiscus—Mallows.



African Marigold.

Lavandula - Lavender

VERA. Sweet scented, hardy perennial. Pkt., 10c; oz., 75c.

Linaria - Kenilworth Ivy

Very pretty hardy evergreen creepers, well adapted for growing in pots or for covering walks or crevices.
CYMBALARIA. Pkt., 10c; oz., \$2.50.

Linum - Flax

Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun.

GRANDIFLORUM RUBRUM (Scarlet Flax). A fine hardy annual with brilliant scarlet-crimson flowers. Pkt., 10c; oz., 50c.

PERENNE. Perennial. Blue flowers. Pkt., 10c; oz., 75c.

Lobelia

The dwarf, compact varieties are used for edging, while the trailing sorts are used for hanging baskets, porch boxes, etc.

CRYSTAL PALACE COMPACTA. Rich deep blue, dwarf-growing variety: the best for edging. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; ¾ oz., \$1.75; oz., \$3.00.

BLUE EMPEROR (Delphinium Imperiale). Finest double mixed, very elegant candelabra habit, with short branches. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; ¾ oz., \$1.75; oz., \$3.00.

GRACILIS. Trailing variety for hanging baskets. Light blue. Pkt., 10c; ¼ oz., 35c; ½ oz., 50c; ¾ oz., 75c; oz., \$1.00.

CARDINALIS. Handsome border plant, crimson-scarlet flowers. Hardy perennials. Pkt., 15c; ¼ oz., \$3.00; ½ oz., \$5.00.

Lupines

The Lupines may be classed among the most beautiful of hardy garden flowers. A Lupine border makes a picture once seen not soon forgotten, and maintains a floral display from May to September.

TALL ANNUAL. All colors mixed. Pkt., 10c; oz., 30c.
POLYPHYLLUS. Hardy perennial. Mixed. Pkt., 10c; oz., 75c.

Lychnis

Hardy perennial, will bloom first year from seed if sown early. These may be classed among the best known and most popular of old-fashioned flowers. Of easiest culture and most pleasing habit.

CHALCEDONICA. Sometimes called Maltese Cross. Flowers beautiful scarlet; fine for massing. Pkt., 10c; oz., 75c.

Marvel of Peru - Four O'clock

One of the old favorite annuals; an old-fashioned plant of bushy growth. The flowers, which are produced in clusters, open in the afternoon and wither in the morning. All colors mixed. Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 75c.

Matricaria - Feverfew

For beds and edges. Half-hardy perennial. Double white. Pkt., 10c; oz., 75c.

CAPENSIS ALBA PLENA. Pkt., 10c; oz., \$1.00.

Marigold

Extremely showy, well adapted to garden culture, blooming profusely throughout the season.

DWARF FRENCH. Double. Dark brown, pkt., 10c; oz., 75c. Gold Striped. Double, pkt., 10c; oz., 75c. Double Mixed, pkt., 10c; oz., 50c.

TALL AFRICAN. Orange Ball, pkt., 10c; oz., \$1.00. Lemon Ball, pkt., 10c; oz., \$1.00. Mixed, pkt., 10c; oz., 75c.

SINGLE FRENCH. Legion of Honor. Golden yellow blotched velvety crimson at base of petals. Pkt., 10c; oz., 75c.

Mignonette

A flower with a very delicate odor, making a splendid addition to any bouquet.

SWEET. Hardy annual. This deliciously scented flower should not be missing from the garden. Pkt., 10c; oz., 25c.

DEFIANCE. Large flower spikes and very fragrant. Pkt., 10c; oz., 75c.

Mimulus

Pale yellow flowers, highly dotted and splashed with brown.

MOSCHATUS (Musk Plant). Pkt., 25c; ¼ oz., \$1.50.

Myosotis - Forget-Me-Not

Hardy perennial of easy culture. Blooms first year from seed. The flowers are small and star-shaped, borne in clusters on long stems.

INDIGO BLUE. Pkt., 10c; ¼ oz., 35c; ½ oz., 50c; ¾ oz., 75c; oz., \$1.25.

ALPESTRIS. Light blue. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.25.

ALPESTRIS ROSEA. Pink. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; ¾ oz., \$1.00; oz., \$1.50.

Nasturtiums

Nasturtiums require little care and bloom freely.

TALL NASTURTIUMS. Usually used for arbor or trellis planting, but do equally well for mass planting without support. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

DWARF NASTURTIUMS. The dwarf varieties are excellent for borders, along paths, and for pot culture. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Nasturtiums.



Giants of California Petunias.

Nicotiana Affinis - Tobacco Plant

The tubular fragrant flowers open morning and evening, and are very attractive for border or beds. The plant attains a height of 3 feet. Pure white. Pkt., 10c; oz., 50c.

Nigella Damascena - Love-in-a-Mist

Growing easily from seed and having a great abundance of long-stemmed flowers, which are the most beautiful cornflower-blue. Mixed. Pkt., 10c; oz., 35c.

Oenothera - Evening Primrose

Fine for margins of shrubbery, excellent for perennial border and naturalizing. Their large clusters of showy, fragrant flowers produce a fine effect.

MISSOURIENSIS. Yellow. Pkt., 10c; oz., 25c.

Lohrman's Pansies

August-sown seed produces large plants, which flower freely the following Spring. Sow in open ground early in August, setting to permanent location in September. Place about 3 inches of dry leaves, loose straw, or soft hay over the plants the last of November. This will afford good protection and make splendid early-flowering plants. Seed sown early in Spring will produce flowers in late Summer.

LOHRMAN'S PREMIUM MIXTURE. This is a carefully prepared mixture of the best varieties obtained abroad, including all the solid colors, striped and blotched. We have exercised great care in preparing this strain and are confident it cannot fail to give the utmost satisfaction. Rose, yellow, bronze, sky-blue, yellow with eye, choice mixed. Pkt., 15c; ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.25; 4 oz., \$12.00; lb., \$40.00.

LOHRMAN'S MAMMOTH EXHIBITION. Very large flowers of exceptionally fine form and substance, usually ruffled and beautifully veined and blotched in all the finer and deeper shades and colors found in pansies. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25; 1 oz., \$2.00; oz., \$3.25; 4 oz., \$12.00; lb., \$40.00.

GIANT TRIMARDEAU. Vigorous plants with large, three-blotched flowers. Recommended for professional growers. Yellow with Eye. Pkt., 10c; oz., \$2.50.

Lord Beaconsfield. Violet. Pkt., 10c; oz., \$2.50.

Meteor. Mahogany. Pkt., 10c; oz., \$2.50.

Pure Yellow. Pkt., 10c; oz., \$2.50.

Albo Puro. White. Pkt., 10c; oz., \$2.50.

Blue with White Margin. Pkt., 10c; oz., \$2.50.

Mixed. Pkt., 10c; oz., \$2.00.

Phlox Drummondii

The seed may be sown any time after danger of frost and in a few weeks the plants are a mass of bloom, remaining so until frost. White, pink, crimson, primrose, lilac. Pkt., 10c; oz., \$2.25. Mixed, pkt., 10c; oz., \$2.25.

Hardy Perennial Phlox

DECUSSATA. Mixed. A great variety of colors. If the first spikes of bloom are removed as soon as over, and the plants given a good watering, they will produce a second supply of flowers. Pkt., 10c; oz., \$4.50.

Pentstemon

A valuable plant for borders and beds. The showy flowers are borne on long terminal spikes. Begin blooming early, continuing to bloom all season. They prefer a dry, light soil. Mixed. Pkt., 10c; oz., \$1.00.

Petunias

(See color picture on outside back cover)

These are one of the most indispensable and valuable of our Summer flowers. They are of the very easiest culture, and thrive almost anywhere with the least care.

LARGE FLOWERING FRINGED MIXED. A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter; remarkable variety of color. Pkt., 25c.

GIANTS OF CALIFORNIA, SINGLE. Flowers very large, in great variety of colors and markings, with deep yellow throats. Pkt., 25c.

DOUBLE MIXED. This is a mixture of the best large flowering and fringed double petunias. Of course, every one knows only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as those invariably produce the finest double flowers. Pkt., 50c.

BALCONY TYPE MIXED. Single large flowering sorts especially recommended for window and porch boxes. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.50; 1 oz., \$2.75; oz., \$4.50.

SUPERFINE, SINGLE MIXED. Large flowering. Pkt., 10c; oz., \$1.00.

SINGLE DWARF VARIETIES

Dwarf, neat, compact bushes covered with a multitude of small flowers all Summer long, valuable for edging and formal bedding.

BLUE BIRD, NANA. A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue. Pkt., 25c.

CARMEN SYLVA. Baby blue with white throat. Pkt., 10c.

IMPROVED ROSY MORN. A most pleasing clear pink with a broad white throat. A splendid sort for porch boxes, pots and beds. Pkt., 10c.

ROSE OF HEAVEN. Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn, a compact grower, very free bloomer. Pkt., 10c.

Physostegia - Perennial

VIRGINICA. Erect spikes of pretty pink flowers. Pkt., 10c; oz., \$2.25.

VIRGINICA ALBA. A beautiful white variety. Pkt., 10c; oz., \$2.50.

Physalis - Chinese Lantern Plant

An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruit. Pkt., 10c; oz., \$2.25.

Platycodon - Japanese Bellflower

Very handsome, hardy perennials with beautiful, large, bell-shaped flowers like the Campanulas. They are very effective for borders or for the rock garden. Pkt., 10c; oz., \$2.50.

Polemonium - Jacob's Ladder

COERULEUM. 2 feet. Beautiful sky-blue spikes. April-July. Foliage fern-like.

PERENNIAL. Pkt., 10c; oz., \$1.00.

Poppies - Annual

An old-fashioned flower that has come back into popular favor. They bear so profusely and are of such brilliant colors that they are especially valuable for mass planting.

DOUBLE CARNATION-FLOWERED. Pkt., 10c; oz., 25c.

SHIRLEY MIXED. Beautiful colors in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Pkt., 10c; oz., 50c.

FLANDERS POPPY. Vivid scarlet-red. This flower has in the minds of men been associated for over two hundred years with the battlefields of Flanders. Was the first official flower of the American Legion. Pkt., 10c; oz., 50c.

Poppies - Hardy Perennial

ORIENTAL POPPIES have very few rivals among hardy plants. Scarlet, pink, mixed hybrids. Pkt., 10c; oz., \$2.00.

ICELAND. Pkt., 10c; oz., \$1.50.

Portulaca

A very free flowering plant, excellent for borders, rockeries and wherever a dazzling color is desired. Seed sown in May will bloom during July. Single Mixed, pkt., 10c; oz., \$1.00. Double Mixed, pkt., 10c; oz., \$3.00.

Primulas

After sowing the seed, only the thinnest covering of sifted soil is needed. They are of the easiest culture in greenhouse or light window of the home, flowering abundantly and continuously with little care.

CHINENSIS. Pkt., 25c.

OBONICA. Pkt., 25c.

VERIS (English Cowslip). A mixture comprising the various shades of red and yellow; a splendid plant for the Spring blooming garden. Perennial. Pkt., 25c; oz., \$4.00.

VULGARIS (English Primrose). Canary yellow, fragrant. Pkt., 25c; oz., \$4.00.

Pyrethrum

The cosmos-like flowers range in color from the palest pinks to deep red, the bright yellow centers forming a splendid contrast. Blooming as they do during May and June and again in the Fall, and on account of their long-lasting and utility as a cut flower, we recommend them highly to our patrons.

HYBRIDUM GRANDIFLORUM. Mixed. Pkt., 10c; oz., \$3.00.

Ricinus - Castor Oil Bean

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

SANGUINEOUS. Pkt., 10c; oz., 25c.

ZANZIBARENSIS. Pkt., 10c; oz., 25c.

MIXED. Pkt., 10c; oz., 25c.

Rudbeckia - Coneflower

NEWMANNI. The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers, with a dark purple cone; long, wiry stems; blooms all Summer. Pkt., 10c; oz., \$2.00.

Salpiglossis - Painted Tongue

The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. (See color pictures on outside back cover). Pkt., 10c; oz., \$1.00.

Salvia

Magnificent bedding plant of the most brilliant character. The tall spikes carrying their masses of fiery bloom produce a truly dazzling effect. As hedges along walks or drives they never fail to attract attention.

SPLENDENS. One of the best of the varieties and more in use than any other sort. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; 1 oz., \$1.25; oz., \$2.00.

BONFIRE. Fine sort. Pkt., 10c; oz., \$3.50.

ZURICH. The best dwarf sort known. Pkt., 15c; oz., \$4.00.

AZUREA. A hardy perennial variety producing during August and September spikes of sky blue flowers. Pkt., 10c; oz., \$2.50.

Schizanthus - Butterfly or Fringe Flower

Beautiful plant for garden in Summer and for house culture in Winter. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. Most satisfactory for cutting. Mixed. Pkt., 10c; oz., 50c.

Scabiosa - Pin Cushion Flower

Very free flowering ornamental plants. One of the best and most satisfactory for cutting, the blossoms being borne on tall, erect stems, in a great variety of colors from white to almost black. No garden can afford to be without them. AZURE FAIRY, YELLOW, ROSE, LILAC, MIXED. Pkt., 10c; oz., 50c.

CAUCASICA HYBRIDS, MIXED. Perennial. Pkt., 15c; oz., \$3.50.

Silene - Catchfly

Very pretty dwarf plants, used mostly for borders, thriving in almost any common soil and easy of cultivation. Pkt., 10c; oz., 50c.

Statice - Sea Lavender

LATIFOLIA. Splendid hardy perennial, either for the border or rockery, producing all Summer panicles of minute flowers, which can be dried and used for Winter bouquets. Mixed. Pkt., 10c; oz., \$1.00.

Stocks

A very popular annual; very fragrant and blooming the greater part of the Summer. Used for beds or borders. LARGE-FLOWERING DWARF TEN WEEKS STOCKS. Pkt., 10c; oz., \$2.00.

CUT-AND-COME-AGAIN STOCKS. Splendid perpetual bloomers, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. Pkt., 10c; oz., \$3.00.

Stokesia Cyanea - Cornflower Aster

A most desirable hardy perennial with azure blue or lavender, cornflower-like bloom, blossoming continuously from July till late frosts. Mixed. Pkt., 10c; oz., \$1.50.

Sunflower

We have in this class plants of very stately growth with immense, gaudy flowers, fine for wild gardens, along fences or garden walls.

DOUBLE CHRYSANTHEMUM-FLOWERED. 7 feet. Pkt., 10c; oz., 30c.

STELLA. Differs from the type by its larger and better formed flowers of the purest golden-yellow, with black disc. 4 feet. Pkt., 10c; oz., 30c.

Sweet Rocket

Flowers early in Spring, thriving well in any common soil; very fragrant, two to three feet. Perennial, white, lilac, and purple. Pkt., 10c; oz., 50c.

SWEET PEAS

In giving a list of Sweet Peas we have confined ourselves to those sorts that have been tested as the strongest growers and from the various shades and colors have selected those which are the clearest and truest.

CHOICE MIXED. This mixture has been most carefully grown from our selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.

LOHRMAN'S SELECTION OF CHOICEST

SPENCER VARIETIES

This group includes the largest and most beautifully formed Sweet Peas. The Spencers have very large, waved flowers, making the blossoms most desirable for cutting. The plants are usually in bloom much longer than other Sweet Peas, as most of the blossoms fall off after maturity without setting pods.

BARBARA. Salmon.

BLUE MONARCH. Finest deep navy blue.

DOBBIE'S CREAM. Primrose.

ELFRIDA PEARSON. Light pink.

FLORENCE NIGHTINGALE. Lavender.

KING EDWARD SPENCER. Crimson-scarlet.

KING WHITE. Pure white.

MARGARET ATLEE. Rich pink.

MARGARET MADISON. Azure-blue.

MARY PICKFORD. Dainty cream-pink, suffused salmon.

PRESIDENT HARDING. Peach-red, a new shade.

WARRIOR. The best pure deep maroon. Large flowers.

ROYAL PURPLE. Rich royal purple. The color deepens as the flower ages. The best purple sweet pea.

SUPERFINE MIXED.

All sorts, pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

SPRING FLOWERING SPENCER

A desirable new class for Winter flowering under glass.

EARLY SNOWFLAKE. White. Oz., 50c; 2 oz., 90c; 4 oz., \$1.50.

EARLY BLUE BIRD. Violet-blue. Oz., 50c; 2 oz., 90c; 4 oz., \$1.50.

EARLY ZVOLANEK'S ROSE. Oz., 50c; 2 oz., 90c; 4 oz., \$1.50.

EARLY AVIATOR. Crimson-scarlet. Oz., 50c; 2 oz., 90c; 4 oz., \$1.50.

Sweet William

DIANTHUS BARBATUS. The Sweet William is a fine old plant which produces great masses of bloom of extremely rich and varied colors. The flowers are very lasting and fine for cutting. Single Mixed, pkt., 10c; oz., 50c. Double Mixed, pkt., 10c; oz., \$1.00.

PINK BEAUTY (Sometimes called Newport Pink). A splendid shade of salmon with immense flower trusses. Single. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

SCARLET BEAUTY. A very effective, rich, deep scarlet variety. Single. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

DARK CRIMSON. Double. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

PURE WHITE. Double. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

Tagetes

SIGNATA PUMILA. A dwarf, compact, bushy annual Marigold, with beautiful, fern-like leaves densely covered with flowers of bright golden-yellow; first-class border plant. Pkt., 10c; oz., \$2.25.

Thunbergia - Black-Eyed Susan

Beautiful rapid growing annual climber. Prefers a sunny position. All colors mixed. Pkt., 10c; oz., \$1.50.

Valeriana, Hardy Perennial

A fine perennial border plant for bouquets or decorations. RUBRA (Garden Heliotrope). Pkt., 10c; oz., 75c.

Verbena

One of the easiest grown annuals. For constant and profuse flowering, and for brilliancy and beauty of coloring it has no equal. Start seed early under glass, if possible, that good strong plants may be had for transplanting. Bloom from early June until severe frost.

MAMMOTH. White, pink, scarlet, blue and mixed. Pkt., 10c; oz., \$1.50.

LEMON VERBENA, Aloysia Citriodora. Pkt., 10c; oz., \$2.50.

Vinca - Periwinkle

Of the easiest culture, growing readily from seed and flowering the same season. Plants have dark green foliage and make fine bedding and pot plants. Pkt., 10c; oz., \$1.50.

Violet

(Sweet Scented Violet). Well known favorite, much in demand on account of its abundant and fragrant blossoms. Perennial. Pkt., 25c; oz., \$4.00.

Viola Cornuta - Tufted Pansies

These resemble pansies in shape and form with the additional quality that they are of long stems and appear uninterrupted from early Spring till snow flies. Mixed. Pkt., 10c; oz., \$3.00.

Wallflower

An old-fashioned English flower, greatly esteemed for its fragrance. Single Mixed, pkt., 10c; oz., 75c. Double Mixed. Very choice. Pkt., 15c; oz., \$4.00.

Wild Cucumber

One of the fastest growing vines, useful for covering old tree stumps, fences and buildings. Pkt., 10c; oz., 25c.

Lohrman's Beautiful Zinnias



Dahlia-Flowered Zinnia.

DOUBLE GIANTS. An improved strain with enormous flowers. Burnt orange, purple, deep flesh, scarlet, golden yellow, canary, mixed. Pkt., 10c; oz., \$1.50.

VICTORY MIXED. Quilled type. The petals are partially tubular or quilled giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. Pkt., 10c. oz., \$1.50.

One of the most popular and most extensively used of all hardy annuals. The following list comprises very choice varieties of the most brilliant colors. Requires but little attention; will grow in any good garden soil.

DAHLIA-FLOWERED. This new giant-flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative dahlia. The flowers, although not so brilliant in color as those of the older types, are many of them in exquisite shades of rose, lavender and old gold. The plants are strong and vigorous growing, and produce an abundance of blooms throughout the Summer and early Fall.

Crimson Monarch. Rich crimson. By far the largest and best of red shades.

Exquisite. By far the most pleasing of our collection. Truly Dahlia-flowered as regards form and size. Color light rose with center a deep rose. (Tyrian Rose).

Meteor. A rich, glowing deep red (Spinel Red) and the darkest of all the red shades. Fine form.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.

Dream. A fine, deep lavender, turning to purple (mallow purple) a new, desirable shade in Zinnias.

Polar Bear. A very large pure white, the best white yet seen in Zinnias. True dahlia form.

Buttercup. An immense, deep, creamy yellow. A very desirable flower, which should be included in every collection.

Separate Colors, all, pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

Special Mixture. A well blended mixture containing the above novelties. Mixed. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.

CRESTED AND CURLED. The flowers are large, the petals being twisted and curled into most graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnias. Pkt., 10c; oz., \$1.00.

Bird Seeds

CANARY. Lb., 15c; 3 lbs., 40c.

CANARY AND RAPE. Mixed. Lb., 15c; 3 lbs., 40c.

RAPE. Lb., 15c; 3 lbs., 40c.

HEMP. Lb., 15c; 3 lbs., 40c.

MAW. Lb., 50c.

SUNFLOWER, LARGE RUSSIAN. Lb., 15c; 3 lbs., 40c.

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How to Plant Shrubs and Roses, Grapes

The real secret of success when planting roses and shrubs is: **First**, to cut back the tops severely. **Second**, to water the plant thoroughly. **Third**, to cover the newly set plants with a mound of soil. Do not expose their roots to sun or wind to dry out.

Prune all of the canes so that not more than four buds remain on a cane. This is very important.

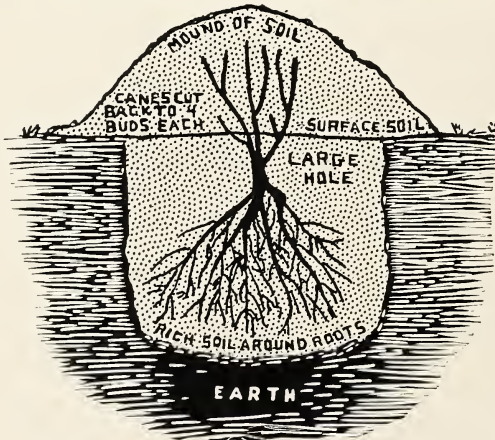
Shorten the roots a little, making a smooth cut at the end of each root.

Dig your holes at least 6 inches wider than the widest spread of the roots, and deep enough to let the plants set well down in the hole.

Put in the plant and half fill the hole with top soil. Do not use manure. Tamp the soil down hard, then pour in four gallons of water.

Twenty-four hours after this has seeped away, finish filling the hole.

Next, draw up mound of soil over the bush fully 6 to 10 inches high. This will bury the bush completely and protect the canes from drying out before growth begins. Allow the mound of soil to remain until the new growth has pushed through it fully six inches, then hoe the mound down gradually.



Field Grown Dahlia Roots

The Dahlia is coming to the front in the ranks of Summer flowering plants. There is nothing that can equal them in range of color and abundance of bloom. They are splendid for cut flower work and command attention wherever grown. Plant the tubers 5 inches deep and 3 feet apart, lay flat, don't stand them upright, cover an inch or so, and add covering after sprout appears. Tie them to a stout stake, and only permit two sprouts to grow. Remove all others, or you get too much plant and no flowers.

Culture. The Dahlia will succeed in most soils, but a light, sandy loam, well drained, is preferable to a heavy loam soil. An open, sunny location is much superior to a shady one. Constant cultivation is one of the most important operations for success with Dahlias. Never allow the top of the soil to bake. Keep the soil around your plants cultivated, especially after every rain. Stir deeply at first, until buds appear, after which lighter cultivation is advised.

Decorative Type

The Decorative types are characterized by gracefully formed flowers of large size with broad petals, being intermediate in form between the compact Show sorts, which are nearly round, and the Cactus varieties, which have loosely formed blossoms with long, twisted petals.

CHAS. STRATTON. Pale gold, shaded and tipped with old rose. A strong grower. Each, \$4.00.

FACKEL. Autumn color. 50c each; \$5.00 per doz.

FIREBURST. Brilliant scarlet-red flowers borne on stems of good length for cutting. 40c each; \$4.00 per doz.

GERTRUDE MANDA. Lovely peachblow shade; long, graceful stems with medium sized flowers. 35c each; \$3.50 per doz.

JERSEY'S BEAUTY. True, pure pink decorative; the outer petals curling all the way back to the stem, giving it extra depth. Long, stiff stems hold the blooms perfectly erect. Each, \$2.50; doz., \$25.00.

J. GARDNER CASSATT. Immense rose-pink; free bloomer on long stems. 35c each; \$3.50 per doz.

JOSEPH MANDA. A fine dark red. 50c each; \$5.00 per doz.

JUDE MAREAN. A pleasing shade of cream heavily suffused with pink. \$1.50 each; \$15.00 per doz.

KING OF THE AUTUMN. Shadings of gold and salmon-pink; long, strong stems. A very pleasing color and one of the most satisfactory varieties we know of. 60c each; \$6.00 per doz.

MINA BURGLE. Brilliant deep scarlet; as a bloomer it has few equals; as a cut flower it has no superior; as a red Decorative it has no competitor. 25c each; \$2.50 per doz.

MRS. I. de VER WARNER. Large, perfect flowers of a deep mauve-pink, on stout stems. An extra robust, healthy grower and free bloomer. \$1.50 each; \$15.00 per doz.

MRS. CARL SALBACH. One of the best for exhibition purposes, and is also in great demand as a cut flower; immense blooms of a lavender-pink color, on long, strong stems. \$1.00 each; \$10.00 per doz.

SAGAMORE. Light saffron-yellow with glowing red-tinted golden suffusion. A good, free bloomer with medium sized flowers which are particularly prized for cutting. Each, \$3.50.

PATRICK O'MARA. The color is an unusually soft and pleasing shade of orange-buff slightly tinged salmon-red. Each, 75c; \$7.50 per doz.

PURITY. A very clear white, good size. 35c each; \$3.50 per doz.

Cactus Type

ATTRACTION. Lilac-rose; petals beautifully curled. Each, 75c; \$7.50 per doz.

BALLET GIRL. Very striking, some of the flowers are orange edged white, others pure orange, and others a variation of white and orange, all on the same bush. \$1.00 each; \$10.00 per doz.

COUNTESS OF LONSDALE. Apricot shaded salmon-red. An early, very attractive cactus variety. 35c each; \$3.50 per doz.

EDITH SLOCOMBE. Wonderful shade of rich purplish garnet; finely formed flowers on long wiry stems; the twisted and curled petals showing the beautiful combination of color make this an unusually attractive variety. \$1.50 each; \$15.00 per doz.

ETENDARD DE LYON. Carmine-rose, a charming color; curly, wavy petals; giant with long, graceful stems. A gorgeous flower. 60c each; \$6.00 per doz.

FLORADORA. Wine crimson; very free and fine. 25c each; \$2.50 per doz.

GLADYS SHERWOOD (Hybrid Cactus). Pure glistening white; profuse bloomer. Flowers 10 inches in diameter. \$1.00 each; \$10.00 per doz.

MARIPOSA (Hybrid Cactus). A delightful shade of orchid-pink which is intensified by a deeper center, with a violet suffusion. One of the greatest Californian introductions which has depth as well as diameter of flower. Blooms early and continues in good shape until the end of the season. \$2.50 each; \$25.00 per doz.

MARGUERITE BOUCHON. Soft rose with white tips and center; straight petals. Medium size but of perfect form and habit. A universal favorite. 60c each; \$6.00 per doz.

REINKEONIG. Pure snow-white flowers of fine form. Splendid for cutting. 30c each; \$3.00 per doz.

SHERLOCK. Orange-scarlet with apricot suffusion; one of the Autumn tints; flowers very large on good stems for cutting; free, early and continuous bloomer. 35c each; \$3.50 per doz.

MME. BUTTERFLY. Soft bronzy rose with golden sheen. Each, 50c; doz., \$5.00.

STANDARD BEARER. Fiery scarlet, free bloomer. Each, 25c; doz., \$2.50.

Show Type

CHAS. LANIER. The largest deep yellow. Very rich yellow and fine for cutting. 25c each; \$2.50 per doz.

DR. KIRKLAND. Dark crimson; very large and full. 25c each; \$2.50 per doz.

ELSIE BURGESS. Grand bloomer, white overlaid pinkish lavender. 25c each; \$2.50 per doz.

IMPERIAL. Deep purplish maroon; good stem. 25c each; \$2.50 per doz.

JEAN KERR. Creamy white, best white cut flower obtainable. 50c each; \$5.00 per doz.

A. D. LIVONI. Soft pink; extra fine, free bloomer. 25c each; \$3.00 per doz.

MAUDE ADAMS. A pure snowy white, very effectively overlaid clear delicate pink. One of the finest of the new Show Dahlias. 35c each; \$3.50 per doz.

METEOR. Large, long stemmed light red. Each, 25c; doz., \$2.50.

ROBIN ADAIR. Terra cotta. 25c each; \$2.50 per doz.

ROYAL PURPLE. Rich deep purple. Flowers only of medium size but are abundantly produced. 25c each; \$2.50 per doz.

YELLOW DUKE. A vigorous grower with large, clear canary-yellow flowers; quilled petals. 25c each; \$2.50 per doz.

Double Dahlias

Double Dahlias, un-named, in orange, pink, purple, red, white and yellow. 15c each; \$1.50 per doz.

Pompon Dahlias

CATHARINE. Canary-yellow. 25c each; \$2.50 per doz.

WINIFRED. White tipped lavender. 25c each; doz., \$2.50.

AMBER QUEEN. Bronze shaded dark orange; very good. 25c each; \$2.50 per doz.



Varieties of Dahlias.

Best Field-Grown Roses for Your Garden

Culture. When the Rose beds are prepared, be sure they have good drainage, and that the soil is rich and sweet. Water well after planting. Prune them well; if you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush Roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the Summer and apply a light top dressing of bone meal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves, hay or straw.

Our Roses are two-year-old stock, which will give an abundance of bloom the first Summer.

A light application of either sheep manure or bone meal applied once a month will greatly increase the quantity and size of the bloom. See cultural chart and directions on page 24.

The Roses offered here are budded low on Manettia stocks and are generally known as budded Roses. Plants so that the bud is three inches below the surface of the ground.

For Mildew and Black Spot use Pomodust. Recommended by the American Rose Society. **For Aphids or Green Fly use "Black Leaf 40."** See page 35 for prices.

PRICE, EXCEPT WHERE NOTED, 75c EACH; \$7.50 PER DOZEN.

Hardy Hybrid Perpetual Roses

FRAU KARL DRUSCHKI. An immense, pure white, perfectly double Rose, sometimes almost 6 inches in diameter, abundantly produced in June and if kept growing, continues blooming all Summer. Plant robust, vigorous and upright. An extremely popular Rose.

GENERAL JACQUEMINOT. The "Jack" Rose; a long-time favorite. The fragrant, perfectly formed blossoms come early, are brilliant scarlet-crimson, and are borne on long, strong stems, by a vigorous plant.

HUGH DICKSON. Large, finely formed, sweetly fragrant blooms that are freely produced until frost by strong plants. Gold Medal, National Rose Society.

MRS. JOHN LAING. Very large, long-pointed buds opening to immense, full, moderately fragrant and beautiful soft pink flowers. A low but vigorous growing plant, and a profuse bloomer.

PAUL NEYRON. One of the best Hybrid Perpetuals for outdoor culture, and probably the largest Rose in commerce, the flowers sometimes being 6 inches in diameter. Fragrant, clear pink blooms shading to rose, produced by a vigorous, hardy plant that frequently shows Fall blooms.

PERSIAN YELLOW. A small, fragrant, double, golden yellow flower borne in great profusion. Desirable for a hedge or for mixing in shrubbery.

ULRICH BRUNNER. Large, fragrant, perfectly formed blooms of distinctive light red, borne freely on very vigorous plants.

Everblooming Hardy Hybrid Tea Roses

AMERICAN BEAUTY. Dark pink, shaded with smoky carmine, globular form, and fragrant.

MME. CAROLINE TESTOUT. The streets of Portland are bordered with thousands of these Roses, because the beautiful blooms are borne abundantly all Summer on the strong, vigorous plants. The large, rounded flowers are bright satiny rose, with darker center, and edges of petals bordered with soft carmine-pink.

COLUMBIA. The flowers are large, fully double, bright lively pink in color, shading darker at maturity.

DUCHESS OF WELLINGTON. The buds are long; the flowers large, well formed, of few petals of intense saffron-yellow, changing to deep coppery yellow as they expand; delightfully fragrant and disease resistant.

GENERAL MACARTHUR. Brilliant glowing crimson-scarlet, free bloomer and very sweet scented.

GOLDEN EMBLEM. A large, perfectly shaped, superb, golden yellow bloom. (See colored illustration on opposite page). \$1.00 each; \$10.00 per doz.

GRUSS AN TEPLITZ. In color it is richest scarlet, shading to a velvety crimson; very fragrant; a free, continuous bloomer. (See colored illustration on opposite page).

HOOSIER BEAUTY. A remarkable Rose of American origin; glowing crimson with darker shadings. Buds large, long-pointed; blooms very large, full, borne several together, on long stems; sweetly fragrant. Good variety for show purposes; stands up well.

PINK KILLARNEY. Large, long-pointed buds, opening to large, loose blooms of beautiful flesh color, borne on long, strong stems.

WHITE KILLARNEY. Sport of Killarney and very similar to it in size, shape and fragrance, but pure white in color.

LOS ANGELES. Its color is a luminous flame-pink toned coral, shaded translucent gold at base of petals. \$1.00 each; \$10.00 per doz.

MME. EDOUARD HERRIOT. Sparkling buds of coral-red and orange, opening to brilliant orange-red and salmon flowers. (See colored illustration on opposite page).

MME. BUTTERFLY. Color a blending of bright pink, apricot and gold.

MISS LOLITA ARMOUR. Burnished buds and creamy copper flowers with a reddish orange tinge, fully double cup and fragrant. \$1.00 each; \$10.00 per doz.

MRS. CALVIN COOLIDGE. Clear buff-yellow flowers suffused with orange in center; fragrant. \$1.25 each; \$12.50 per doz.

MRS. AARON WARD. Semi-double, cup-shaped, deep Indian-yellow flowers; fragrant; blooms till frost. \$1.00 each; \$10.00 per doz.

MRS. CHARLES E. RUSSELL. Rosy carmine with rosy scarlet center; large, long pointed buds, opening to full globular, double flowers, on long, strong stems. (See colored illustration on opposite page).

J. J. L. MOCK. Carmine buds of gigantic size, opening to enormous blooms of deep carmine-pink.

OPHELIA. The beautifully formed, fragrant salmon-flesh flowers are borne on long, stout stems, and are freely produced until frost.

PINK RADIANCE. Brilliant rosy carmine shaded with rich opaline-pink tints in the open flower.

RED RADIANCE. A bright, cheerful and even shade of pure red. Size, foliage, growth and habit same as in the parent "Edinburg," a splendid bloomer and fine variety for outdoor planting. (See colored illustration on front cover).

SOUVENIR DE GEORGES PERNET. Brick-red buds, opening to terra cotta-pink blooms of immense size, very double and fragrant. \$1.25 each; \$12.50 per doz.

SOUVENIR DE CLAUDIUS PERNET. Color most striking sunflower-yellow, deeper in the center, without any color blending which is retained without fading even in the warmest weather. (See colored illustration on opposite page). \$1.25 each; \$12.50 per doz.

SUNBURST. A magnificent Rose. The color is orange-copper or golden orange, with a deep orange center.

Hardy Climbing Roses

AMERICAN BEAUTY. Brilliant carmine flowers of fine form and rich perfume.

AMERICAN PILLAR. Immense clusters of single, bright crimson flowers, with clear white eye, on long, strong stems.

DOROTHY PERKINS. Clear cherry-pink, slightly fragrant flowers, borne in great profusion and lasting for a long time.

DR. W. VAN FLEET. Perfectly formed, long, pointed, deep pink buds on long stems with several in a cluster, that open a lighter shade of pink, expanding to about 4 inches.

EMILY GRAY. Beautiful long, pointed, slender, golden yellow buds open to semi-double, deliciously fragrant, buff colored flowers, borne in trusses on long, strong stems. \$1.00 each; \$10.00 per doz.

EXCELSA. A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype.

GARDENIA. Yellow buds and creamy flowers with rich yellow centers.

MARY WALLACE. Large, very bright pink flowers, illumined with shining gold, double (20 petals), cup-shaped, moderately fragrant. \$1.00 each; \$10.00 per doz.

PAUL'S SCARLET CLIMBER. The brightest and purest red of all the Pillar Roses. Vivid scarlet, shaded crimson; semi-double.

WHITE DOROTHY PERKINS. Double flowers of pure, creamy white, borne in great clusters on a strong, healthy plant.

Cultural Directions and Planting Chart on Page 24

Fertilize ROSE BEDS with Bone Meal, Sheep Manure

SIX FAVORITES FOR THE ROSE GARDEN



Caroline Testout
Claudius Pernet
Gruss an Teplitz

See opposite page for prices and
description of this collection.

Golden Emblem
Mme. Edouard Herriot
Mrs. Chas. Russell

Hardy Herbaceous Perennial Plants

BY THIS term is meant such plants as may be allowed to remain permanently in the open ground, whose foliage dies down to or near the ground each Autumn, coming forth again with renewed vigor the following Spring, giving a continuation of bloom from early Spring until frost.

Hardy Lilies (Lilium)

No herbaceous or shrubby border or wild garden is complete without a liberal representation of these most graceful and charming flowers. For successful growing of hardy Lilies, the chief requirement is a loose, well-manured soil, with some pure sand added under each bulb to further drainage and to prevent the bulbs from rotting. They should be planted 6 to 8 inches deep and among plants with heavy foliage, like peonies, in order to keep the soil surrounding the bulbs cool. They should be left in the same location for three or four years without lifting, which should be done in September, the replanting to take place at once. The beds should be covered with leaves or litter during Winter. Delivery of bulbs will be made in September, October or Spring.

See opposite pages for price and description of Perennials and Lilies.



Digitalis or Foxglove.



Delphinium,
Blackmore and Langdon's Strain.



Lilium Auratum—The Gold-Banded Lily of Japan.



Lilium Speciosum Rubrum.

Choice Hardy Perennials

THE FLOWERS OF OUR GRANDMOTHERS' GARDENS OFFERED IN STRONG TWO-YEAR OLD, FIELD GROWN CLUMPS

EXCEPT WHERE NOTED, THE PRICES OF PERENNIALS ARE 25c EACH; \$2.50 PER DOZEN.

Aquilegia - Columbine

The Columbine is one of the most beautiful hardy perennials, producing graceful, spurred flowers on 2-foot stems. They are much prized for cut flowers.
MRS. SCOTT ELLIOTT HYBRIDS, 30c each; \$3.00 per doz.
WAYSIDE PINK, 30c each; \$3.00 per doz.

Campanula - Canterbury Bells

These imposing herbaceous hardy biennials are profusely covered with large, bell-shaped flowers; extremely showy in shrubberies and mixed borders.
PINK, WHITE and BLUE.

Coreopsis

GRANDIFLORA. An improved variety with large, bright yellow flowers; one of the best hardy plants. Fine for cut flowers all Summer long.

Chrysanthemums

HARDY GARDEN. In separate colors.
SHASTA DAISY. The Shasta Daisy has a yellow center with long, white petals, the slender stems springing from the base of the plant, and is most attractive either in the perennial border or as a cut flower.

Delphinium - Larkspur

English Delphiniums are the most beautiful hardy plants in cultivation, for they have such an immense variety of beauty and increase in size, in beauty, and often in quantity, year after year. Some varieties grow 8 feet high in rich soil. They have immense spikes of most beautiful flowers of every imaginable shade of blue, and their season is long; in fact, they will bloom from Spring till Fall. (See color plate on opposite page).

BELLAMOSA. Dark blue.

BELLADONA. Light blue.

BLACKMORE and LANGDON STRAIN. 30c each; \$3.00 per doz.

Dielytra - Bleeding Heart

SPECTABILIS (Bleeding Heart or Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in clumps. 75c each; \$7.50 per doz.

Digitalis - Foxglove

SHIRLEY HYBRIDS. 6 to 7 feet. The flower heads are over 3 feet long, covered with big bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate. (See color plate on opposite page). 30c each; \$3.00 per doz.

Gaillardia - Blanket Flower

June to October, 2 feet. Their long flowering period, long stems and bright colors make these one of the most valuable of perennials, being easily grown in beds or borders in ordinary garden soil.

Hollyhock

One of the best hardy garden flowers. Makes a charming hedge or background.
ALL SEPARATE COLORS.

Iris - Flag Lily

GERMAN (Flag Lily). Separate colors in named varieties.
JAPANESE (Kaempferi). 40c each and up.

Poppies

ORIENTALE (Oriental Poppy). Tremendous scarlet, cup-shaped blooms of brightest crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. Clumps of these throughout the border add a brilliancy that no other flower can provide.

ORIENTALE, BEAUTY OF LIVERMORE. Crimson, with black blotch; fine flowers. 35c each; \$3.50 per doz.

ORIENTALE, MRS. FERRY. Orange-apricot; very fine. 30c each; \$3.00 per doz.

Phlox

Pyramid-shaped heads of various colors. Ideal for beds or borders.

NAMED VARIETIES. In separate colors

ABOVE IS ONLY A PARTIAL LIST OF PERENNIALS WE CARRY.

Hardy Garden Lilies

The Lily includes some most remarkable species, among which are some of the oldest denizens of our gardens. There are few who have not admired the gorgeous beauties of one or the other of the many varieties of Lilies that are here enumerated.

Lilies - Lilium

SPECIOSUM ALBUM. The white Speciosum, which is usually grown with Magnificum and Auratum, is a very dainty Lily. It flowers outside in the border at the same time as Auratum and Magnificum, and is one of the most extensively cultivated varieties. 3 feet high. Size, 8 to 10 in., 65c each; \$6.75 per doz.; \$55.00 per 100.

AURATUM (Gold-Banded Japan Lily). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden yellow; 3 to 5 feet. July to September. Jumbo size, 11 to 13 in., 60c each; \$6.50 per doz.; \$50.00 per 100. First size, 8 to 9 in., 35c each; \$3.50 per doz.; \$25.00 per 100.

AURATUM PLATYPHYLLUM. Also called "Macranthum." This is a robust growing form; the stem is stouter and attains a greater height; the leaves are much broader; enormous flowers, white, richly spotted yellow. July to September. (See color plate on opposite page.) Jumbo size, 11 to 13 in., 65c each; \$6.75 per doz.; \$55.00 per 100.

HENRYI. A new Japanese Lily that has made a sensation in Europe. It has the same form and appearance as the Speciosum varieties, but the flowers are bright orange-yellow. 5 to 6 feet high. August to September. Size, 9 to 11 in., 60c each; \$6.50 per doz.; \$50.00 per 100.

KRAMERI. Unique for its color and grows from 2 to 4 feet high. The funnel-shaped, finely formed flowers are 6 inches or more in length and as much across, of a beautiful clear pink color, often shaded blush. Size, 9 to 11 inches, 60c each; \$6.50 per doz.; \$50.00 per 100.

SPECIOSUM var. RUBRUM. This fine, late-blooming plant from Japan is one of the most showy of Lilies; height 2 feet, and not difficult to grow. Blooms in August and September. Large flowering bulbs. Jumbo size, 11 to 13 in., 60c each; \$6.50 per doz.; \$50.00 per 100. First size, 8 to 9 in., 35c each; \$3.50 per doz.; \$25.00 per 100.

REGALE or MYRIOPHYLLUM (The Regal Lily). It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the Jasmine, and lacking the heavy, oppressive odor of most Lilies. Blooms out-of-doors early in July. Large size, 5 to 6 in., 60c each; \$6.50 per doz.; \$50.00 per 100.

Various Other Hardy Lilies

CANADENSE (Canada Lily). Slender stems 2 to 4 feet high. Flowers in various shades of orange, yellow and red. Very ornamental. June to August. 35c each; \$3.50 per doz.; \$27.50 per 100.

CAROLINIANUM (Carolina Lily). Height 3 to 4 feet. Leaves verticillate. Flowers orange-red and extremely fragrant. No Lily collection complete without this rare variety. 60c each; \$6.50 per doz.; \$50.00 per 100.

ELEGANS. Solitary, deep blood-red flowers spotted purplish black, red anthers. 1 to 1½ feet. June-July. 30c each; \$3.00 per doz.; \$22.50 per 100.

GRAYI (Gray's Lily). Height 2 to 4 feet. A beautiful Lily, with deep reddish, bell-shaped flowers, orange spotted within. Exceedingly showy and continues to grow in demand. Grows well in shady places. July. 30c each; \$3.00 per doz.; \$22.50 per 100.

SUPERBUM (American Turk's Cap Lily). Height 3 to 8 feet. Flowers with dark purple spots, inside bright orange. The finest and most used American Lily for massing among shrubbery and in border plantings. Often more than forty large flowers on a single stem. July. 60c each; \$6.00 per doz.; \$45.00 per 100.

Tritoma - Red Hot Poker

Very handsome and showy border plants. Flowers borne in compact form on stout 3- and 4-foot stems, having the appearance at a distance of orange and red colored spear heads. Require protection during Winter, unless in a very sheltered position. 35c each; \$3.50 per doz.

Hardy Peonies

EDULIS SUPERBA. Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. 50c each; \$5.00 per doz.

FESTIVA MAXIMA. Paper-white, crimson markings in center. Very large and full, rose type; very tall, strong growth. Early. 50c each; \$5.00 per doz.

FELIX CROUSSE. Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth. Midseason. 75c each; \$7.50 per doz.

KARL ROSENFELD. Large, red, semi-rose type, and slightly fragrant. Early midseason. \$1.25 each; \$12.50 per doz.

MADAME PUCEL. Large, globular, typical bomb. Light mauve-rose, with silvery reflex. Fragrant. Strong grower, medium height; very free. Midseason. 75c each; \$7.50 per doz.

MONSIEUR JULES ELIE. Early midseason. This is the king of all pink Peonies. Immense globular flower of glossy lilac-pink, shading to deeper rose at the base. The entire flower is overlaid with a sheen of silver. \$1.00 each; \$10.00 per doz.

PRESIDENT TAFT. A vigorous, strong grower; a profuse bloomer. The color is a delicate hydrangea-pink, completely enveloped in a halo of angelic white. The fragrance is delicious. It is certainly a glorious, gorgeous flower, very large and double. \$1.25 each; \$12.50 per doz.

RACHEL. A splendid ruby-red; medium height; strong, profuse bloomer and semi-rose in type. Midseason. 75c each; \$7.50 per doz.

Hardy Climbing Vines

Ornamentals of this class are so hardy and beautiful that they deserve greater attention than they receive.

Nothing lends such pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas.

Hardy vines practically take care of themselves after once established, and are much more desirable and less trouble than annual or tender varieties.

Aristolochia - Dutchman's Pipe

A native species of climbing habit and rapid growth. Started in pots. \$1.25 each; \$12.50 per doz.

Ampelopsis

AMERICAN IVY or VIRGINIA CREEPER. One of the finest vines for covering walls, verandas or trunks of trees; foliage green, turning to a rich crimson in Autumn; a rapid grower and quickly fastens to anything it touches. 50c each; \$5.00 per doz.

BOSTON IVY. Leaves smaller than the American; forms a dense sheet of green as leaves overlap each other; is a little difficult to start, but when once established requires no further care; foliage changes to a crimson-scarlet in the Fall; very valuable for covering brick or stone structures, rockeries, walls, etc. Started in pots. 85c each; \$8.50 per doz.

Bignonia - Trumpet Vine

RADICANS. A hardy, high-climbing plant with large, scarlet, trumpet-shaped flowers appearing in August. 50c each; \$5.00 per doz.

Clematis - Virgin's Bower

A beautiful class of hardy climbers, many of the varieties have flowers 5 to 6 inches in diameter. They are very valuable for training around and over pillars, verandas, fences, rock work, etc.

LARGE-FLOWERED VARIETIES. \$1.00 each; \$10.00 per doz.

HENRYI. Flowers creamy white and very large. A free bloomer.

JACKMANI. Immense flowers of an intense violet-purple color; bloom continually all Summer. Perhaps the best known Clematis.

MADAME EDOUARD ANDRE. Flowers are a beautiful shade of crimson; a free bloomer.

ORIENTALIS. This is the beautiful "Golden Clematis" admired for its rich yellow flowers in midsummer; a vigorous, free-flowering and hardy vine, often flowering again in Autumn. 50c each; \$5.00 per doz.

PANICULATA. Small-flowered; white. 50c each; \$5.00 per doz.

Euonymus

The trailing Euonymus are particularly desirable for their dense, evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the boxwood as an edging plant.

RADICANS. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as boxwood for an edging plant. 75c each; \$7.50 per doz.

Honeysuckle

HALLIANA (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all Winter. 50c each; \$5.00 per doz.

SCARLET TRUMPET HONEYSUCKLE. This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. 50c each; \$5.00 per doz.

Polygonum

AUBERTI (Silver Lace Vine). A splendid hardy climber of strong, vigorous growth, attaining a height of 25 feet or more, producing during Summer and Fall great foamy sprays of white flowers, and a well established plant during its long period of flowering is a great mass of bloom. \$1.00 each; \$10.00 per doz.

Wisteria

Woody vines with tightly clinging habit, for pergolas, arbors, trellises, etc., especially ornamental in early Summer when they are resplendent with their large, drooping clusters of fragrant blossoms.

Bulbs and Roots

For Spring Planting

Caladium or Elephant's Ear

LARGE SIZE BULBS. 25c each; \$2.50 per doz.
SMALL SIZE BULBS. 15c each; \$1.50 per doz.

Madeira Vine

A valuable climber for porches, arbors, etc. The flowers are white and very fragrant, and the foliage is a beautiful glossy green. 10c each; \$1.00 per doz.

Cinnamon Vine

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 10c each; \$1.00 per doz.

Ismene Calathina - Peruvian Daffodil

A Summer-flowering bulb, producing large, white, Amaryllis-like flowers. Plant out in June and take bulbs up in October, keeping them for the next season. 15c each; \$1.50 per doz.

Tuberose

DOUBLE DWARF PEARL. First size bulbs. 10c each; \$1.00 per doz.; \$8.00 per 100.

Summer Hyacinths

A white Summer-flowering Hyacinth with 20 to 30 bell-shaped flowers. Height 3 to 5 feet. 15c each; \$1.50 per doz.

Cannas

GREEN LEAF VARIETIES

YELLOW KING HUMBERT. Color of flower a rich, deep yellow, spotted and blotched with bright red. 4 feet. 20c each; \$2.00 per doz.

PRESIDENT. Color a rich glowing scarlet. Free bloomer and strong grower. 4 feet. 25c each; \$2.50 per doz.

MRS. A. CONARD. The grandest salmon-pink Canna in existence. 4 feet. 30c each; \$3.00 per doz.

MADAME CROZY. Gilt edged, rosy scarlet. 3½ feet. 20c each; \$2.00 per doz.

BRONZE LEAF VARIETY

KING HUMBERT. Flowers velvety orange-scarlet flecked carmine, rose tinted at margin and base. 4 to 4½ feet. 20c each; \$2.00 per doz.

About May 1st we offer some of the above Cannas in 4-inch pots at current prices.

Small Fruits

BLACKBERRIES—Eldorado. 15c each; \$1.50 per doz.

CURRENTS—Perfection. Red. 25c each; \$2.50 per doz. Champion. Black. 25c each; \$2.50 per doz.

GOOSEBERRIES—Downing. 35c each; \$3.50 per doz.

RASPBERRIES—Cuthbert. Red. 15c each; \$1.50 per doz. Cumberland. Black. 15c each; \$1.50 per doz.

GRAPES—Concord. Black. 35c each; \$3.50 per doz.

Catawba. Red. 35c each; \$3.50 per doz.
Niagara. White. 35c each; \$3.50 per doz.

STRAWBERRIES—Progressive Everbearing. 35c per doz.; \$2.50 per 100.

Standard Varieties. 25c per doz.; \$1.50 per 100.

VEGETABLE PLANTS—Cabbage, Eggplant, Peppers and Tomatoes.

Hardy Ornamental Shrubs

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds. It affords an opportunity for artistic development with the varying color of foliage and flowers in Summer, followed by the bright colored bark and berries of some species in Winter. See page 24 for planting chart.

PRICES ON ALL SHRUBS, EXCEPT WHERE NOTED, 75c EACH; \$1.50 PER DOZEN.

Althea - Rose of Sharon

One of the best known shrubs, with handsome plain and variegated foliage and bearing large, single or double flowers in August and September.

DOUBLE ROSE, PURPLE AND RED. \$1.00 each; \$10.00 per doz.

Almond

A beautiful small shrub, bearing an abundance of small, double, roselike flowers in May.

RED AND WHITE. \$1.00 each; \$10.00 per doz.

Barberry - Berberis

THUNBERGI. Blossoms small, yellow, followed by berries that turn bright red in Autumn. Leaves small and changing to coppery red in Fall. Ideal for hedges. 30c each; \$3.00 per doz.

THUNBERGI ATROPURPUREA. It is similar in all respects to the green-leaved Japanese Barberry, but the foliage of this new variety is of a rich, lustrous, bronzy red, becoming more brilliant and gorgeous throughout the Summer and in the Fall changes to vivid orange, scarlet and red shades. In this coloring it is unequalled by any other shrub and is followed by the same brilliant scarlet berries common to the type which remain on the plant the entire Winter. \$1.00 each; \$10.00 per doz.

Flowering Crab

BECHTEL'S DOUBLE-FLOWERING. One of the most beautiful of the flowering Crabs; tree of medium size, covered in early Spring with large, beautiful, fragrant flowers of a delicate pink color; very popular for lawns, as it blooms when quite young. 10 to 15 feet. \$1.50 each.

Deutzia

PRIDE OF ROCHESTER. Produces large, double, white flowers, tinged with rose; vigorous grower, profuse bloomer and one of the earliest to bloom.

Dogwood - Cornus

SIBIRICA ALBA. A strong-growing variety, crimson colored branches in Winter. White flowers.

FLORIDA RUBRA. Red or pink flowering. Grows from 20 to 25 feet high. Flowers before leaves appear, 3½ inches in diameter, 2 beautiful red or pink. Very durable, lasting two weeks. Foliage grayish green, glossy and handsome, turning deep red in Fall. Very ornamental. \$2.00 each.

Forsythia

FORTUNEI. Strong, erect habit; bright golden yellow flowers in early Spring.

Honeysuckle Bush - Lonicera

Valuable for their handsome flowers and showy fruit. **WHITE AND PINK.**

Hydrangea

PANICULATA GRANDIFLORA (Hardy Hydrangea). A beautiful, tall shrub, with leaves of bright, shiny green; flowers borne in huge panicles from 8 to 12 inches long, light pink, changing to brown later in the Fall; blooms in August and September; can be grown in tree form successfully and makes a very desirable lawn ornament. Height about 7 feet.

PANICULATA GRANDIFLORA, TREE FORM. The same as above, grown on stems from 3 to 5 feet high. Most attractive and desirable. \$1.50 each.

ARBORESCENS ALBA GRANDIFLORA (White-Flowered Hydrangea). Resembles the *Paniculata* in general form and shape of flowers; borne in panicles of pyramidal shape from 5 to 8 inches in diameter and 8 to 10 inches long; changing to a greenish white; one of the best.

Indian Currant

CRIMSON-FLOWERED. A native variety with deep red flowers; blooms early in the Spring. Height 6 feet.

Japan Quince - Cydonia

JAPONICA (Scarlet Japan Quince). One of the best flowering shrubs; flowers a bright scarlet-crimson, borne in great profusion in early Spring; foliage retains its color of bright, glossy green the entire Summer; hardy; makes good hedge plants. Fruits about 2 inches in diameter, yellowish green and hard, resembling a small apple, in late Fall. Height 5 to 6 feet.

Judas Tree or Redbud - Cercis

CANADENSIS. A showy, tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy pink flowers early in the Spring before the leaves appear. Plants 2 to 3 feet high. \$2.00 each.

Lilac - Syringa

PURPLE, RED AND WHITE.

PERSIAN. Dwarf-growing with slender branches and narrow leaves. Purple, red and white. \$1.00 each; \$10.00 per doz.

DOUBLE FRENCH NAMED. Improved budded sorts. The bushes are stockier, shorter, of slower growth and more tree-like than other types. In assortment. \$1.25 each; \$12.50 per doz.

Mock Orange - Philadelphus

CORONARIUS (Garland Syringa). A well known shrub with pure white, very fragrant flowers; one of the first to bloom. Height about 8 feet. \$1.00 each; \$10.00 per doz.

CORONARIUS var. AUREUS (Golden-Leaved Syringa). A handsome variety with golden yellow foliage; keeps its color the entire season; is splendid for grouping with other varieties for pleasing effect. \$1.00 each; \$10.00 per doz.

Privet

CALIFORNIA. Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, etc. 15c each; \$1.50 per doz.; \$10.00 per 100.

Plum - Prunus

TRILOBA (Double-Flowered Plum). A very desirable addition to the hardy shrubs; flowers double and delicate pink, and thickly set on long, slender branches; blooms in May. Height 5 to 6 feet. \$1.50 each.

Purple Fringe or Smoke Tree - Rhus

A valuable ornamental shrub; has curious fringe or hairlike flowers that cover the whole tree, giving the appearance of mist or smoke. Height 3 to 10 feet. \$1.50 each.

Snowball

JAPAN. 6 to 8 feet. Large-growing shrub with soft, heavy leaves; large clusters of white flowers in May, followed by red berries that turn black as they ripen; retains its foliage late.

Spirea

ANTHONY WATERER. A valuable variety; color bright crimson; it is of dwarf, dense growth never exceeding 30 inches in height; in bloom the entire Summer and Fall.

VAN HOUTTEI. This is undoubtedly the most popular of all the varieties; foliage a rich green, changing to beautiful tints in the Fall; in blooming season the bush is a perfect mass of pure white flowers. Height 6 feet.

Sweet Scented Shrub - Calycanthus

A native species with double purple flowers, very fragrant, and the wood is also fragrant; foliage rich, dark green; blooms in June and at intervals afterward. Height 5 feet. \$1.00 each; \$10.00 per doz.

Symphoricarpos - Snowberry

Inconspicuous rose colored flowers in June and July, followed by large clustered, milk-white fruits.

Tamarix

A beautiful shrub with small leaves, similar to the Juniper; flowers are pink, small and delicate, borne on long spikes; blooms in May. Height 8 to 10 feet.

Weigela

CANDIDA. Flowers pure white, produced in June and continue to bloom nearly all Summer. Height 8 feet. \$1.00 each; \$10.00 per doz.

EVA RATHKE. Flowers a brilliant crimson; a beautiful, clear, distinct shade. Height 5 feet. \$1.25 each; \$12.50 per doz.

ROSEA. An elegant variety with fine rose colored flowers appearing in June.

Gladioli

Provide Cut Flowers All Summer With Very Little Effort

These have been most popular for many years, and deservedly so. They are of the easiest culture, with a range of color known to no other garden bulb, useful for massing, bordering or shrubbery work, for cutting unexcelled. Any ordinary garden soil suits Gladioli, and with successive plantings from May to August flowers can be had from July until frost. Plant bulbs 4 inches deep and 6 inches apart, cultivate frequently and water freely.

Red Shades

- EMPRESS OF INDIA.** Rich dark maroon. 15c each; \$1.50 per doz.; \$10.00 per 100.
- LOVE FIRE.** Dazzling scarlet, perfectly glazed flower on long stem. 15c each; \$1.50 per doz.; \$10.00 per 100.
- MRS. FRANCIS KING.** Brilliant vermillion-scarlet. Most popular and effective variety for all occasions. First size bulbs, 10c each; \$1.00 per doz.; \$6.00 per 100.
- WAR.** Deep blood-red, shaded crimson-black. A leader among the large reds. 12c each; \$1.25 per doz.; \$8.75 per 100.
- PROSERPINE.** Wine-red, very striking color. 10c each; \$1.00 per doz.; \$7.50 per 100.
- RED CANNA.** Deep scarlet-red, large flowers, many open at a time. Late bloomer. 12c each; \$1.25 per doz.; \$8.75 per 100.
- MRS. WATT.** American Beauty shade. 12c each; \$1.00 per doz.; \$8.00 per 100.
- PURPLE GLORY.** The giant of the Kunderdi Glory race, and of remarkable color. Deep velvety maroon-red with almost black blotches as if burned into the petals. Beautifully ruffled. Extraordinary. 25c each; \$2.25 per doz.; \$18.00 per 100.

Pink Shades

- AMERICA.** Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink; glistening in the sunlight as if sprinkled with diamond dust. A touch of Tyrian rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike. 7c each; 60c per doz.; \$4.50 per 100.
- EVELYN KIRTLAND.** One of the world's finest varieties. Tall, straight, vivid rose-pink shading to beautiful shell-pink in the center. Lower petals blotched red. In every way a perfect variety. 12c each; \$1.25 per doz.; \$8.00 per 100.
- HALLEY.** Delicate salmon-pink, with a slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center. 10c each; \$1.00 per doz.; \$6.00 per 100.
- MARSHAL FOCH (Kunderdi).** Salmon-pink with small red blotches in throat. Giant flower slightly ruffled. 25c each; \$2.00 per doz.; \$15.00 per 100.
- MRS. FRANK PENDLETON.** Of the largest size and most exquisite color. Delicate flushed salmon-pink with rich maroon blotch on the three lower petals. 10c each; \$1.00 per doz.; \$7.50 per 100.
- MRS. H. E. BOTHIN.** Light geranium-pink, heavily ruffled, scarlet center. 15c each; \$1.50 per doz.; \$11.00 per 100.
- PANAMA.** Very large flowering, deep pink. 10c each; \$1.00 per doz.; \$6.00 per 100.
- PRINCE OF WALES.** The flowers are large and well placed and the color is a most charming coral-pink. It is a sport of "Halley," but larger and of taller growth and also somewhat earlier. The delicate tint is practically without throat markings. 12c each; \$1.25 per doz.; \$8.00 per 100.
- ROSE PRECOSE.** Solid shell-pink; tall and sturdy. 20c each; \$2.00 per doz.; \$16.00 per 100.

White Varieties

- MARY PICKFORD.** Creamy white throat, soft sulphur-yellow. 15c each; \$1.50 per doz.; \$11.00 per 100.
- MRS. DR. NORTON.** Large white flowers, the edges suffused with soft pink. The lower petals have a blotch of sulphur yellow stained with fine specks of pink. 12c each; \$1.25 per doz.; \$8.75 per 100.
- PEACE.** Very large, nearly white, with pale violet feathering on lower petals; flowers correctly placed on a tall, graceful spike. 10c each; \$1.00 per doz.; \$6.00 per 100.
- WHITE GIANT.** Tall, immense, pure white flower. Strong, healthy grower. Its shape resembles an Easter Lily. 18c each; \$1.75 per doz.; \$13.50 per 100.

Blue Shades

- ANNA EBERIUS.** Dark velvety purple, throat deeper. Slightly ruffled. 12c each; \$1.25 per doz.; \$8.25 per 100.
- BARON HULOT.** Full round flowers of rich, velvety purple-violet, lighter in the throat, a small golden rib through the lower petals is contrastingly effective; splendid, tall, well furnished spike. 15c each; \$1.50 per doz.; \$9.50 per 100.



The Gladiolus is Unsurpassed as a Cut Flower.

BYRON L. SMITH. Lavender-pink on white ground—equal to that of a very fine Cattleya orchid. Exceedingly fine as a cut flower. 18c each; \$1.75 per doz.; \$13.50 per 100.

CAPTAIN BOYNTON. One of the nicest lavender colors in existence, with little darker spot on lower petals. Large flowers well placed on stems. 35c each; \$3.50 per doz.; \$30.00 per 100.

HERADA. Massive large blooms of a pure glistening mauve with deeper markings at throat. 10c each; \$1.00 per doz.; \$7.00 per 100.

Yellow Shades

SCHWABEN. Clear canary-yellow, shading to soft sulphur. Largest flower stalk and leaves of all. Planted 7 or 8 inches apart in rich soil produces wonderful blooms. 10c each; \$1.00 per doz.; \$6.50 per 100.

AUTUMN QUEEN. Cream-yellow; upper petals suffused with peach blossom pink; lower petals striped carmine-red. Extra fine late bloomer. 10c each; \$1.00 per doz.; \$6.50 per 100.

GOLDEN MEASURE. Fine orange-yellow, flowers large, well arranged on a tall, strong spike. 20c each; \$1.60 per doz.; \$12.00 per 100.

ROMANCE. Large orange, salmon, rose, red and yellow throat, wine-blue bordered petals. 20c each; \$1.60 per doz.; \$12.00 per 100.

TWILIGHT. Creamy buff, edge of petals flaked with pink, throat primrose-yellow and pink. Ruffled. 25c each; \$2.00 per doz.; \$17.50 per 100.

GIANT-FLOWERED MIXED. A mixture of the best Giant-flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. 6c each; 50c per doz.; \$3.50 per 100.

Primulinus Hybrid Gladiolus

These are quite distinct from the usual run of Gladioli, being of more slender growth, the orchid-like flowers set airy on the slender yet strong spikes, the range of colors is brilliant and beautiful and planted in fair sized groups in the garden make a very showy display, but it is as cut flowers that their grace and wonderful coloring show to best advantage.

ALICE TIPLADY. Rich orange-saffron. 12c each; \$1.25 per doz.; \$8.75 per 100.

MAIDEN'S BLUSH. Delicate shell-pink. 10c each; \$1.00 per doz.; \$6.50 per 100.

MYRA. Rich salmon or yellow ground. 12c each; \$1.25 per doz.; \$8.75 per 100.

SOUVENIR. Pure golden yellow. 12c each; \$1.25 per doz.; \$10.00 per 100.

Tools and Supplies

BIRD HOUSES. Various styles and sizes. \$1.00 and up.
DIBBLES. For setting plants and bulbs. Iron point. 65c.
FORKS. Spading. \$2.00.
FORKS. Potato. \$2.00 each.
GARDEN LINE. Italian Hemp. 50 ft., 75c; 100 ft., \$1.35.
GRASS EDGING KNIFE. Wheel type. \$2.25. Plain. \$1.25.
GRASS HOOK or SICKLE. No. 30. 75c. No. 40. \$1.00.
HANGING BASKETS. Woven wire. 8 in., 35c; 10 in., 50c; 12 in., 60c; 14 in., 75c; 16 in., 90c.
HOOES. Garden. \$1.00 and \$1.50. Ladies'. \$1.00. Scuffle. \$1.25. Heart-shaped. \$1.25.
KNIVES. Budding Knife. \$1.50. Pruning Knife. \$1.25.

LABELS			
Pot and Garden. Wood, painted.	100	1000	
4 in.	\$0.35	\$ 3.00	
5 in. ....	.40	3.75	
6 in. ....	.45	4.00	
8 in.	1.50	9.00	
10 in.	1.75	10.00	
12 in.	2.00	12.50	
Copper Wired Tree Labels	.45	3.50	
Simplex Weather-proof Labels. Writing protected by a transparent cover.	Doz.	100	
No. 1—3x½ in.	\$0.50	\$ 2.75	
No. 2—4x½ in. ....	.80	4.75	
No. 3—5x1 in.	1.25	6.50	

LAWN MOWERS.
 No. 1—14-in. cut. Stearns\$12.00
 No. 2—16-in. cut. Stearns 14.00
 Great American. A high grade machine.
 15-in. cut 19.50
 17-in. cut 22.50
 19-in. cut 25.00

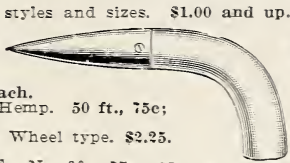
MOLE TRAPS. Reddick. \$1.25 each.
PLANT STAKES. Wood, medium in weight, green.
 3 ft. Each Doz. 100
 4 ft. \$0.10 \$1.00 \$ 3.00
 5 ft.15 1.50 12.00
 6 ft.20 2.00 14.00
 5 ft. Extra heavy25 2.50 15.00
PLANT STAKES. Green painted bamboo.
 2 ft. Doz. 100
 3 ft. \$0.25 \$1.50
 4 ft.30 2.00
 5 ft.40 2.50
 6 ft.55 3.00

ADJUSTO PLANT SUPPORTS. Each Doz. 100
 3 ft. \$0.30 \$2.75 \$20.00
 4 ft.35 3.00 22.00
 5 ft.40 3.25 24.00
RAFFIA. A sort of grass much used for tying plants, also in making baskets. Natural color. 25c per lb.
ROLLERS, LAWN. Dunham water weight roller. The best. Diameter 18 in.; width 24 in.; weight, empty, 85 lbs., filled with water, 300 lbs. \$22.25.
SAWS, PRUNING. 20-in. blade. \$1.75. California pattern, curved, 14-in. blade. \$1.25.
THE CYCLOE SEED SOWER. A practical broadcast seed sower. Sows anything from grass seed to fertilizer. \$2.25 each.

SHEARS, HAND PRUNING.
 No. 1—Flower Picker\$0.25
 No. 2—Cast Iron Shear25
 No. 3—Cast Iron Heavy Pattern Shear50
 No. 4—Pexto Shear, with Volute spring 1.00
 No. 5—Pexto Shear, with flat spring 1.25
 No. 6—Pexto Shear, Heavy Pattern 1.75
 No. 7—Disston Shear, with flat spring 3.00
 No. 8—Disston Shear, with Volute spring, see cut 3.00
 No. 9—Disston Bull Dog Jaw Type 3.00

SHEARS, BORDER. (Disston). With horizontal blade. \$4.50. With vertical blade, same as cut. \$4.50.

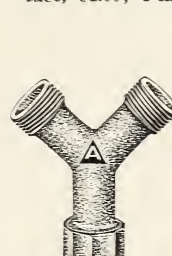
SHEARS, GRASS. 50c to \$1.50.



SHEARS, LOPPING. \$2.50.
SHEARS, HEDGE. \$1.00 to \$3.50.
TREE PRUNERS, POLE.
 Disston—8 ft., \$4.25; 10 ft., \$4.50; 12 ft., \$4.75.
 Waters—8 ft., \$2.75; 10 ft., \$3.00; 12 ft., \$3.25.
SPADES. Long handle. \$1.50. D handle. \$1.50.
RAKES, LAWN. Wood, self-cleaning. \$1.00. Wire, 24 in., \$1.00. Steel garden rake, 14 in., \$1.25.
RAKES, JAPAN BROOM. Light and durable. \$1.00.
TRELLIS. Wire, 2 feet wide, any length. 40c per foot. Wooden, 2 feet wide, 9 feet high, assembled and painted. \$2.25.
TROWELS. All steel. 25c. All steel transplanting. 35c. English. 35c.
PLANT TUBS. Green painted cedar. Welded hoops.

No.	Diameter	Length	Each
No. 2	10 in.	11 in.	\$1.25
No. 3	12 in.	13 in.	1.75
No. 4	14 in.	15 in.	2.25
No. 5	16 in.	17 in.	2.75
No. 6	18 in.	19 in.	3.50
No. 7	20 in.	20 in.	4.00

WEEDER, CLEVELAND LAWN. A handy Weeder for removing dandelions. \$1.25.
WATERING CANS.
 Standard. 8 qt., \$1.00; 10 qt., \$1.25; 12 qt., \$1.50.
 Waterspoon. Round. 2 roses. 4 qt., \$4.65; 6 qt., \$5.10; 8 qt., \$5.75; 10 qt., \$6.10; 12 qt., \$6.45.
 French Oval. 6 qt., \$5.85; 8 qt., \$6.20; 10 qt., \$6.60; 12 qt., \$6.75.
 Real Low Pattern. 4 qt., \$4.25.
WEEDER, DANDELION. 50c.
WHEELBARROWS, GARDEN. Wood and metal. \$6.75 to \$9.00.
HOSE. Our special Pioneer Cord. Built like a cord tire, and will wear like one. ¾-in. 15c per ft.
HOSE ACCESSORIES.
 Clamps. Brass. 5c each; 45c per doz.
 Couplings. Heavy bronze. 15c each; \$1.50 per doz.
 Washers. Rubber. 5c per doz.
NOZZLES. Rose nozzle. 75c. Hothouse nozzle. 3-in. face, \$1.00; 4-in. face, \$1.25.



Y Connection. \$1.25 each.
Hose Nozzle. 75c each.
Two-Way Spray. \$2.00.
Hose Menders. 15c each; \$1.25 per doz.
SPRINKLER. Rain King. \$3.50. Other sprinklers. 50c to \$10.00.

FLOWER POTS. Standards. Azaleas, Bulb Pans.

Size	Each	Doz.	100	1000
2½ in.	\$0.03	\$ 0.20	\$ 1.25	\$ 11.25
3 in.	.03	.25	1.65	15.00
3½ in.	.03	.30	2.25	19.50
4 in.	.05	.50	3.50	30.00
5 in.	.08	.85	6.00	54.00
6 in.	.12	1.35	10.00	\$1.00
7 in.	.18	1.80	14.75	135.00
8 in.	.25	2.85	22.50	195.00
9 in.	.40	4.25	30.00	
10 in.	.55	5.75	40.50	
12 in.	1.10	12.00	82.50	

FLOWER POT SAUCERS.

Size	Each	Doz.	100	1000
3 in.	\$0.04	\$0.30	\$ 1.25	\$11.25
4 in.	.04	.45	.15	1.50
5 in.	.05	.50	.20	2.00
6 in.	.07	.70	.30	3.00
7 in.	.08	.85		

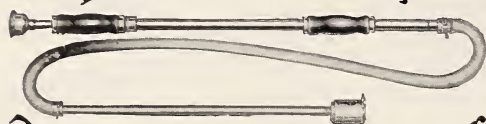
NEPONSET WATERPROOF PAPER FLOWER POTS.

Size	Doz.	100	1000
2½ in.	\$0.15	\$0.85	\$ 6.00
3 in.	.20	1.15	7.50
4 in.	.30	2.00	12.00
5 in.	.35	2.50	18.00
6 in.	.50	3.00	22.50

Spray Pumps

Brown Auto Spray No. 5

It's Double Acting

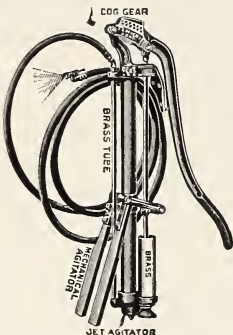


The Same Spray With Half The Labor

Used with either a pail or barrel. \$5.50.
Galvanized Tank for Auto Spray No. 5. \$3.00.

No. R305B Barrel Spray Pump

This pump meets every requirement for spraying, white-washing, etc. Will develop ample pressure for use with two nozzles. Pump is constructed with both mechanical and jet agitators, and patented cog gear, which materially lightens the labor in operating. Equipped with one lead of 15 feet of ½-inch, 5-ply discharge hose, and graduating Vermorel nozzle. Bordeaux instead of Vermorel nozzle supplied at option. \$17.50.



Portable Sprayer Myers No. R337B

A general purpose orchard, field and whitewash sprayer. The tank has a capacity of 15 gallons and is securely attached to the wheel frame. The pump itself is on the principle of the force pump and being equipped with the patented cog gear will readily generate a pressure of 150 pounds to the square inch. Equipped with 15 feet of ½-inch, 5-ply discharge hose, dasher agitator, 8-foot extension with a cut-off, and Vermorel nozzle. Furnished with double wheel for inside work at same price. \$28.00.

Spray Pump Nozzles

BORDEAUX, \$1.25. SIMPLEX, \$1.00. VERMOREL, \$1.00.

Auto Spray No. 1

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes.

Brass Tank. \$9.00.

Galvanized Tank. \$6.50.

Two-row attachment for spraying two rows at one time. \$1.50.

Two feet of brass extension pipe. 80c.

Brass elbows for spraying under vines. 50c.

Brass strainer for straining solution. \$1.50.

One set of soft parts, washers, etc. 35c.

Auto-Pop nozzle. \$1.50.



Continuous Sprayer

Operates on both up and down stroke of the plunger, and throws a fine, misty spray. Will handle any solution, and can be operated at any angle. Capacity one quart. Brass, \$1.25. Other styles, 50c to \$1.35.



Dry Dusters

The Acme Bellows Duster

Recommended for Both Hill and Row Dusting.

The largest, lightest and most powerful hand duster made. Weighs only 16 lbs. and holds 25 lbs. of average dust. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Ten different adjustments for amount of dust delivered. Positive dust grinding feature. No cogs, gears, or other delicate parts. All straight lever action. Feeds the same quantity whether completely or partially full. Equipped with a funnel-shaped hood for use with nicotine dust on either rows or hills. \$20.00.



Niagara Hand Duster

(Brush Feed).

Recommended for Row Dusting.

A free running, easy cranking machine. Discharge can be controlled to a given number of pounds per acre. Feeds the same quantity whether completely or partially full. Capacity 7 to 10 pounds. \$22.00.

TWO-ROW ATTACHMENT. \$2.00.

Planet Jr. Garden Tools

No. 4 Planet Jr. Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Holds 2½ quarts. Steel driving wheel. Weight, complete, 50 lbs. Equipment: One pair of 6-inch hoes, three cultivator teeth, one garden plow, one leaf guard, one marker; all oil tempered. \$18.00.

NO. 4D. As a seeder only. Weight 40 lbs. \$14.25.

No. 26 Planet Jr. Drill Seeder

No. 1—Wide tread wheels needed on muck and other soils. No. 2—Index unusually accurate, arranged for principal seeds. No. 3—Hopper capacity four quarts. Removed by unscrewing one wing nut. \$15.00.

No. 13 Planet Jr. Double and Single Wheel Hoe Combined

Packed weight, 28 lbs. Equipment: One pair of 6-inch hoes, oil tempered. Steel frame. 14-inch steel wheels. \$8.00.

No. 18 Planet Jr. Single Wheel Hoe

Packed weight, 19 lbs. Equipment: One pair 6-inch hoes, oil tempered. Double wheel arms. \$5.75.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Holds 2½ quarts. Weight, complete, 61 lbs. It combines in a most practical way the Planet Jr. No. 4 Drill and No. 12 Double and Single Wheel Hoe. Equipment: One pair of 6-inch hoes, four cultivator teeth, one pair plows, two leaf guards, one marker; all oil tempered. \$21.50.

Cultivating Attachments for Planet Jr. Wheel Hoes

S100-S101 6-INCH HOES. Pair	\$1.30
1395 CULTIVATOR TEETH. Each .....	.35
LANDSIDE PLOW. For Single Wheel Hoes	1.50
PAIR PLOWS. For Double Wheel Hoes. Per pair ..	1.50
DISC HOES. Per pair	3.50
HANDLES. Pair	1.00

Insecticides and Fungicides

Insects That Suck the Juices From Plants, Foliage, etc., such as lice, green, black and white aphids or fly, mealy bug, red spider and scale, thrust their proboscises into the leaf or stem, and are not affected by stomach poisons; so they must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; or in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Hellebore, Slug Shot, and Nicotine Dust. The best in fluid form are Aphine, Nicotine, and Fish (Whale) Oil Soap.

Insects That Eat Plants, Foliage, Vegetables, Flowers, etc., whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous stomachic insecticide such as Arsenate of Lead, Paris Green or Hellebore. These, if applied according to directions, are so diluted as to be harmless to vegetation and to animal life.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. One pound for 300 square feet. 4 ozs., 35c; ½ lb., 60c; lb., \$1.00.

APHINE. Readily soluble in water, applied as a spray, wash or dipping solution. Destroys plant lice, aphids, red spider, etc. Use from 2 to 4 tablespoonfuls to one quart of water. (Not mailable). ½ pt., 35c; pt., 60c; qt., \$1.00; gal., \$3.00.

ARSENATE OF LEAD, DRY. May be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur solution, or Bordeaux; only half the weight is needed as of the paste form. Use 2 to 3 tablespoonfuls to one gallon of water. ½ lb., 30c; lb., 50c; 4 lbs., \$1.75; 32 lbs., \$9.00.

BORDEAUX MIXTURE, DRY. For blight, mildew, rust, etc. It has all the advantages of paste with double the strength. Goes twice as far. Used for dry dusting or wet spraying. Dilute one pound to about 6 gallons of water or use 12 tablespoonfuls to one gallon of water. Lb., 40c; 4 lbs., \$1.50; 5 lbs., \$1.65; 10 lbs., \$3.00.

Black Leaf 40
40% Nicotine

Kills
Aphis

For plant lice, thrips, aphids and red spider. Indispensable for roses and sweet peas. One ounce will make six gallons of spray material. Oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.75.

CALCIUM ARSENATE POWDER. For dusting use 10 to 15 pounds to 90 pounds of Hydrated Lime. For wet spraying use 1 to 2½ pounds to 50 gallons of water to which should be added an equal amount of lime. Do not use on peach, plum or other plants having tender foliage. ½ lb., 25c; lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.25.

CUT WORM BAIT. A poison that is sprinkled on ground at base of plant. Lb., 35c.

CYANOGAS (Calcium Cyanid). A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. It is scattered along the walks, and the house closed for the night. Lb., 60c; 5 lbs., \$2.50; 25 lbs., \$8.50.

DY-SECT. For rose bugs, lice and soft-bodied insects. Use one part with 30 to 50 parts of water. Pt., \$1.00; qt., \$1.75; ½ gal., \$3.25; gal., \$6.00.

DRY LIME SULPHUR. For dormant spray, 14 pounds to 50 gallons of water; for Summer spray, 3 pounds to 50 gallons of water. Lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$13.50.

LIME-SULPHUR SOLUTION. The standard remedy for San Jose and Oyster Shell scale. Use one part to nine parts of water while trees are dormant. As a Summer spray use one part to 35 parts of water. Qt., 50c; 2 qts., 75c; gal., \$1.15; 5 gals., \$4.00; 30 gals., \$12.00; 50 gals., \$15.00.

FISH OIL SOAP. A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

FLOWERS OF SULPHUR. For mildew on plants. Lb., 10c; 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.50.

FUNGINE. A remedy for fungus. Use one part to from 35 to 50 parts of water. Qt., \$1.00; gal., \$3.00.

GRAPING WAX. ½ lb., 15c; 1 lb., 25c; lb., 40c.

GARDEN GUARD. A combination insecticide and fungicide for use on vegetable plants and flowers. Dry. Lb., 25c.

HELLEBORE. A poison for leaf-eating insects. ¼ lb., 25c; ½ lb., 40c; lb., 65c; 5 lbs., \$3.00.

MAG-O-TITE. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earthworms. 2 lbs., 40c; 4 lbs., 65c; 8 lbs., \$1.10; 25 lbs., \$3.00.

MELROSE. Definite death for rose insects. One pint to 2½ gallons of spray. (Not mailable). Trial size, 50c; pt., \$1.00; qt., \$1.75; ½ gal., \$3.25; gal., \$6.00.

NICO-TIME TOBACCO PAPER. A paper strongly saturated with pure nicotine. One sheet for 2000 cu. ft. 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

NICO-TIME LIQUID. Use one part to 500 parts water; one tablespoonful to 1½ pints of water. (Not mailable). ¼ lb., 75c; lb., \$2.35; 4 lbs., \$8.00; 8 lbs., \$15.00.

NIAGARA D-18 DUST positively prevents blight on your crops; also is 100 per cent effective against chewing insects such as potato bugs, cabbage and tomato worms. Use early in the morning when the air is calm and the dew is on the leaves. 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.75; 50 lbs., \$8.25; 100 lbs., \$12.50.

NIAGARA P-A NICOTINE DUST (4% actual Nicotine). Destroys lice or aphids on cabbage, cauliflower, kale and all other vegetables by its fumes. This dust will kill both the cucumber beetle and the squash stink bug. We recommend when dusting with P-A Nicotine Dust using either a funnel-shaped hood on the spout of the duster for hill dusting, or a cloth drag for row dusting. 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$21.00.

PARADICHLOROBENZINE. For peach tree borer. Directions on container. Lb., 75c.

PARIS GREEN. Kills bugs, worms and slugs. Used as powder, mix one part to 100 parts of flour; or in solution one pound to 200 to 300 gallons of water. (Not mailable). ¼ lb., 20c; ½ lb., 35c; lb., 65c; 5 lbs., \$3.00.

POMODUST. Standard Sulphur fungicide with Lead Arsenate, for diseases and chewing insects on apples, pears, cherries, plums, etc. Lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$7.00; 100 lbs., \$10.50.

PYROX. A paste mixture of Arsenate of Lead and Bordeaux. Effective as a combination spray for fungus, blights and leaf-eating insects. Use one pound to 5 gallons of water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00.

RAT POISON (Barium Carbonate). Mix with meat, cheese, apples, etc., and place where rats run for several nights until rats disappear. 25c per box.

SCALECIDE. For San Jose scale. Non-poisonous petroleum preparation. Mix one gallon to 16 gallons of cold water. Use in late Fall, Winter or early Spring, when foliage is off. (Not mailable). Qt., 75c; gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 15-gal. drum, \$11.50. (Drums \$2.00 extra and returnable at same price, f. o. b. factory). Barrel (30 gals.), \$38.00.

DUPONT

SEMESAN SEMESAN JR. SEMESAN BEL
The Premier Seed Disinfectants

Semesan can be applied in either the dry or liquid form to control practically all common agricultural seed-borne diseases. Semesan Jr. provides an unusually effective but inexpensive dust treatment for the prevention and control of corn seed diseases. Semesan Bel is an excellent dust or water mixture disinfectant for seed diseases of potatoes and other tubers.

Prices for Du Pont Semesan		Semesan Jr. and Semesan Bel	
2 ozs. ...	\$0.50	5 lbs. ...	\$ 13.00
8 ozs. ...	1.60	25 lbs. ...	62.50
1 lb. ...	2.75	50 lbs. ...	122.50
		25 lbs. ...	\$7.50

Ask for Free Booklet Telling all the Facts.

SLUG SHOT. The best known remedy for cabbage and currant worms. A non-poisonous powder, applied by dusting on the plants. Non-injurious to animals or fruit and vegetables treated. Lb., 20c; 5 lbs., 60c; 25 lbs., \$2.75.

SULFOCIDE. Effective against some fungous diseases of certain fruits, vegetables and flowers; non-poisonous. Dilute one gallon to 200 gallons of water. Pt., 70c; qt., \$1.00; gal., \$2.75.

SUNOCO (Spray Oil). For the control of scale insects, red spider, aphids, thrips, etc. Cheap, effective and pleasant to handle. 15-gal. drum, \$10.50; 30-gal. drum, \$18.00; 50-gal. drum, \$25.00.

TOBACCO DUST. Extra fine, lb., 20c. Fine, bulk, lb., 10c; 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.00.

TREE TANGLEFOOT. Painted around trees in the form of a band, it is an effectual barrier to caterpillars crawling into the tree from the ground. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00; 25 lbs., \$9.75.

TREE SURGERY GUM. For cementing wounds in trees. Lb., 35c; 5 lbs., \$1.50.

TWO-WAY SPRAY. (Dry). Combination insecticide and fungicide, containing Arsenate of Lead and Bordeaux Mixture. Lb., 50c; 4 lbs., \$1.50; 100 lbs., \$21.00.

WEED KILLER. For weeds in walks, drives and tennis courts. One quart to ten gallons of water. Qt., 60c; gal., \$1.75.

WET-TEX. Sulphur Lead Arsenate and Spreader. A new, complete Summer spray for all fruits with the exception of berries and grapes. One pound to six gallons of water. Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

WILSON'S O. K. SPRAY. For roses, chrysanthemums, evergreens, and all plants affected with scale or insects under glass or outside. Recommended for rose bugs. One part is mixed with 10 to 15 parts of water. Qt., \$1.00; gal., \$3.60; 5 gals., \$10.00.

Wizard

TRADE BRAND MARK

Sheep Manure



Makes All Plants Grow to Perfection

Wizard Sheep and Cow Manures are highly concentrated pure manures with all weed seeds killed. They are real soil building plant foods, safe and dependable for all plants. They supply the necessary plant food and humus to put new life into wornout soils. Everybody, amateur and professional, can get wonderful results with Wizard because it is simple and easy to use.

LAWNS. Wizard Sheep Manure produces a thick, velvety, green lawn of lasting beauty. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To put new life into old lawns, rake well and broadcast 6 to 10 lbs. per 100 sq. ft. You can avoid weeds and unsightly rubbish by using Wizard.

FLOWERS AND SHRUBBERY. Luxuriant green foliage and a wealth of vivid colored flowers quickly follow an application of Wizard. Mix a handful with the soil under new planting. On established plants rake 10 to

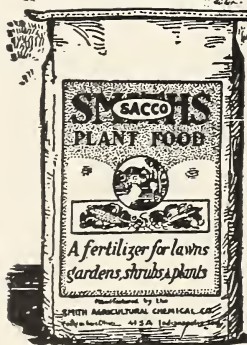
12 lbs. per 100 sq. ft. into the surface soil. Frequent light applications will prolong the blooming season.

VEGETABLES AND FRUIT. Every practical gardener knows that there is nothing better than manure for vegetables. Wizard produces big crops of crisp, tender vegetables for the early market. Improves yield, color and flavor of fruits. Use 700 to 1500 lbs. per acre.

FLORISTS will find Wizard Sheep and Cow Manures unexcelled for feeding and liquid manuring. Safe for all plants under glass.

PRICES

2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton (2000 lbs.), \$50.00.



TRADE MARK
SACCO'S
REGISTERED

PLANT FOOD

Makes Things Grow!

SACCO is a specially prepared Plant Food for the development of fine LAWNS, GARDENS, SHRUBS, FLOWERS and TREES.

Very Effective and Economical

A light application once or twice a year will keep the lawn, garden, etc., growing in excellent condition.

RECOMMENDED BY HIGHEST AUTHORITIES

SACCO has thousands of satisfied users. In lawn and garden use and in the nurseries of progressive florists and nurserymen SACCO has proved its unvarying superiority.

Clean, Odorless and Easy to Apply

1-lb. Can	\$0.25	25-lb. Bag	\$1.75
5-lb. Bag .....	.50	50-lb. Bag	3.00
10-lb. Bag .....	.85	100-lb. Bag	5.00

HOW MUCH SACCO TO BUY

Figure your requirements at 2 to 4 pounds per square, 10 x 10 feet. Simple directions for applying are printed on each package.



FERTILIZERS FOR LAWNS, GARDENS AND HOUSE PLANTS

Pulverized Sheep Manure FREE FROM WEEDS

This is a pure, natural manure and one of the most nutritious foods for plants. Its effect is immediate. It is very rich, safe and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens, as it contains all the elements for promoting a quick, luxuriant growth, as well as adding body to the plant. 2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00; ½ ton, \$26.00; ton, \$50.00.

Shredded Cattle Manure

An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. It is somewhat cooler in its action than sheep manure. Use 100 pounds for 20x50 feet or 1000 square feet. 100 lbs., \$3.50; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton (2000 lbs.), \$50.00.

Poultry Manure

Pulverized, rich in plant food elements. Beneficial results will be noted from the use of this fertilizer. 100 lbs., \$4.00; 500 lbs., \$17.50; 1000 lbs., \$30.00; ton, \$57.50.

Bone Meal, Fine Ground

Excellent for rose beds, flower beds, gardens and for top dressing lawns. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$4.75; 500 lbs., \$20.00; ½ ton, \$34.00; ton, \$60.00.

Agricultural Hydrated Lime

It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivating easier; it promotes the normal decay of organic matter in the soil. It destroys fungus and the germs of insect life that infest the soil. Hydrated Lime, because of its fineness, high calcium content and concentrated condition, is the ideal agricultural lime and the most economical on the market. Use one-half less than other forms of lime. Apply 50 pounds for lawn or garden 20x50 feet or 1000 square feet. 10-lb. bag, 50c; 50-lb. sack, \$1.50; 2 sacks (100 lbs.), \$2.50; 500 lbs., \$10.00; 2000 lbs., \$30.00.

Limestone

Used the same as above only use one-third more by weight for the same area. 100 lbs., \$1.50; 500 lbs., \$5.50; 1000 lbs., \$9.00; ton, \$17.00.

Sacco Plant Food

Makes things grow. It is a specially prepared plant food that supplies the necessary elements in just the right proportions for healthy plant growth. Sacco makes your lawns, vegetables, shrubs, flowers and trees develop quickly and vigorously. Use 4 lbs. per 100 square feet for lawn or garden. See opposite page for further description. 1-lb. can, 25c; 5-lb. pkg., 50c; 10-lb. pkg., 85c; 25-lb. pkg., \$1.75; 50-lb. bag, \$3.00; 100-lb. bag, \$5.00.

Stim-U-Plant Tablets

A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. 10 tablets, 15c; 30 tablets, 25c; 100 tablets, 75c.

Plantabbs

Plantabbs are little tablets full of health giving, growth producing, energizing plant food. They are a complete, properly balanced food for your plants, and make them grow better than they ever grew before. 30 tablets, 25c; 65 tablets, 50c; 150 tablets, \$1.00.

Acid Phosphate

Sixteen per cent Acid Phosphate. Best grade. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 125-lb. sack, \$3.50.

Adco Artificial Stable Manure

Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 pounds Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. 25-lb. bag, \$2.50; 150 lbs., \$11.50. Write for booklet.

Hardwood Ashes

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, and annual dressings of three hundred pounds afterwards, it will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$15.00; ½ ton, \$26.00; ton, \$50.00.

Dried Blood

For top dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$30.00.

Blood and Bone

(Tankage). Stimulates quickly and permanently; very valuable for all garden crops, vines and fruit trees. 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$4.00; 500 lbs., \$16.00.

Bone, Blood and Sulphate of Potash

Ideal for top dressing lawns or for use on flower and vegetable gardens. 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$4.00; 500 lbs., \$16.00.

Floranid Urea

A highly concentrated organic fertilizer containing 46 per cent available nitrogen; clean, odorless, stainless; for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. 1-lb. can, 75c; 50 lbs., \$11.00.

Lohrman's Special Lawn and Garden Fertilizer

A very desirable high grade all-around fertilizer for lawns, flower and vegetable gardens. Apply at the rate of 10 pounds for 200 square feet. 1 lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Muriate of Potash

Imported Potash once again available; should be used liberally, especially for all root crops. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

Sulphate of Ammonia

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or three gallons of water. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

Granulated Peat Moss

Imported, granulated, moisture-retaining humus. An important aid for saving soil fertility, and moisture. Excellent for mulching rose beds, evergreens and rhododendrons. ½ bale (approximately 100 lbs.), \$3.50; whole bale (approximately 200 lbs.), \$6.00.



Petunias, California Giants.



New Giant Snapdragons.

Lohrman's 4 Delightful Annuals

Petunias, California Giants A magnificent strain with very large, deep-throated flowers, exquisitely ruffled and fringed at the edges. 4 to 5 inches across, with deep wide throats. See page 22.

Antirrhinum, Mammoth Flowering The greatest achievement of the day. And as for size, they are without even a near rival. The individual flowers are at least one-third larger than our much vaunted giant Snapdragons of today.

The plants are much more robust, and the flower spikes are taller and much stronger, equaling those of a modern gladiolus.

It would be a keen disappointment not to have these marvelous new Snapdragons in your garden this year! See page 16.

Larkspur, Tall Double-Branching or Stock-Flowered

Larkspurs, or Annual Delphiniums, bloom quickly from seed sown in the Spring, and their fine flower-spikes are exceedingly graceful and attractive in the garden, in shrubbery borders or in large beds. They furnish the finest cutting material.

For very early flowers, sow the seed in a hotbed in March and April and set plants out in May. In the garden they can be sown just as soon as the ground is warm in May, either in the seed-bed and transplanted, or right into the beds where they are to grow. See page 20.



Salpiglossis.

Salpiglossis (Or Painted Tongue). Wonderfully showy, with flowers of exquisite colors and color-markings. Flowers are funnel-shaped, not unlike those of the petunia, deep-throated, and charmingly penciled and veined in rich shades of yellow, crimson, and purple. Salpiglossis flowers freely from July until frost. See page 23.



Larkspur—Annual.